

The integrated circuit



Shock resistance packaging tests.

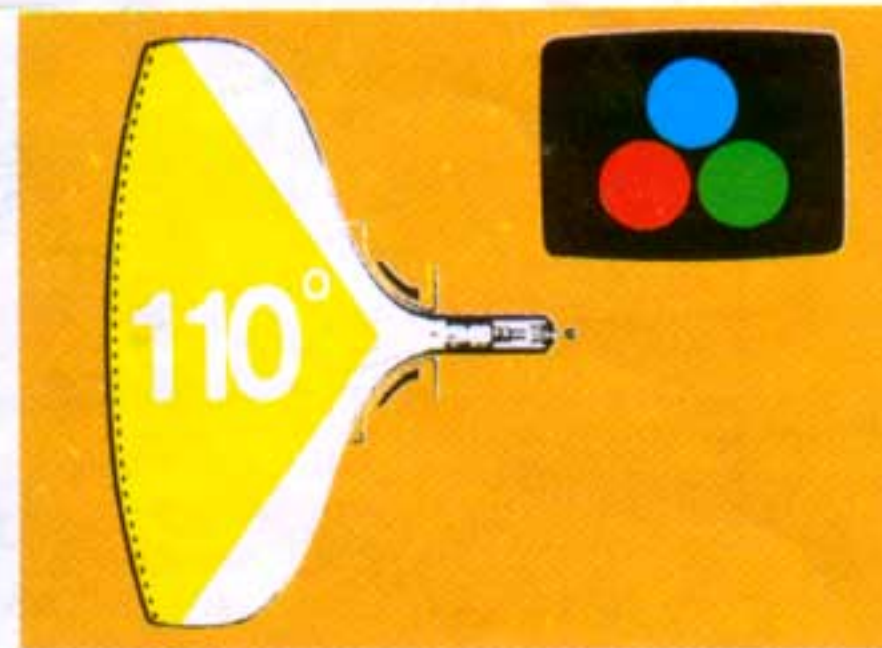


One of many Sanyo production facilities.

## TELEVISIONS

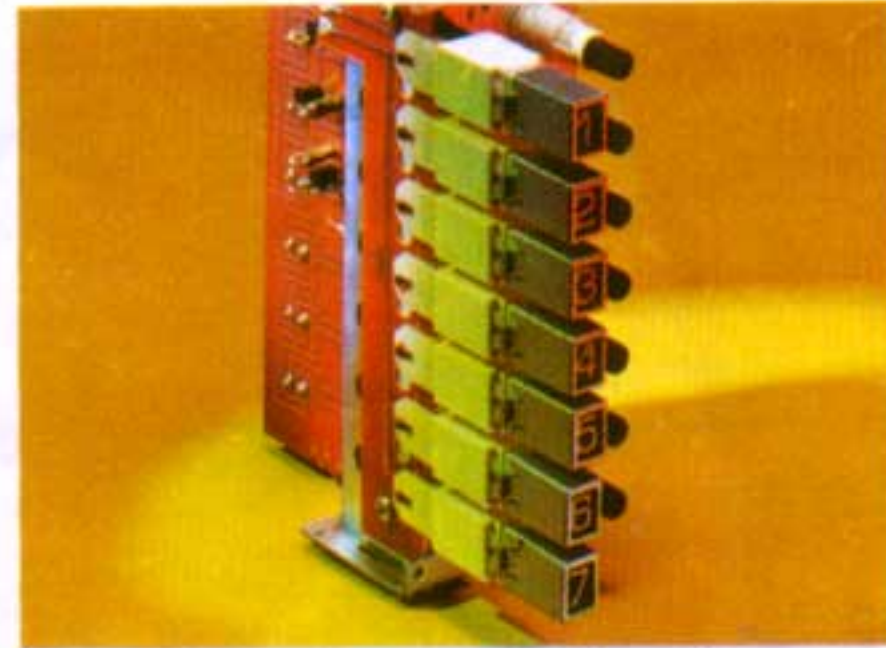
Here is Sanyo's famous line of color and black & white TV's that have already brought brilliant, life-like viewing pleasure to millions of TV fans throughout the world. Features include Sanyo's own Black Matrix picture tube with 110° deflection angle, quick-action varactor tuning and 100% all solid state circuitry.

All models come in lightweight, compact designs. Some have a variety of power sources for total versatility. And each TV undergoes long and thorough testing to make sure it will provide maximum viewing enjoyment for years to come.



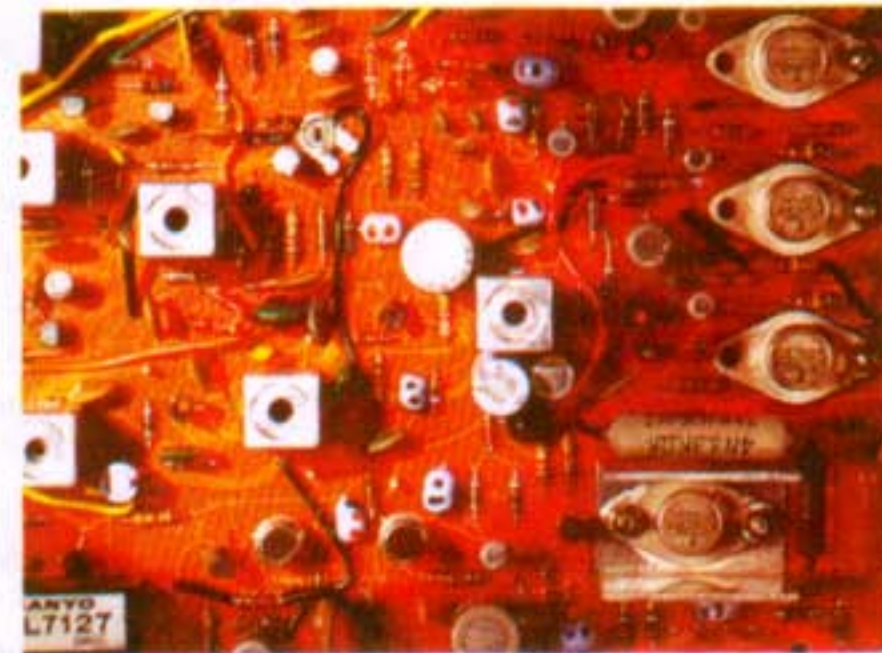
### Black Matrix Tube with 110° Deflection Angle

Each color dot is surrounded in black for brighter, clearer color reproduction. The 110° deflection angle provides better focusing in a more compact, space-saving cabinet.



### Quick-Action Varactor Tuning

Skip over intermediate channel with quick-action pushbuttons for VHF and UHF channel selection (7 pushbuttons provided).



### All Solid State Circuitry

Many Sanyo TV's employ only solid state devices which generate practically no heat, have a much longer service life and provide far greater reliability and performance.



### CTP 5202 18" Color TV with Varactor Tuning

Seven varactor buttons for UHF and VHF channel selector • All solid state circuitry with 3 IC's, 60 transistors • Bright, life-like picture on black matrix picture tube with 110° deflection angle • PAL-D (CCIR) system • Dimensions: 22 <sup>7</sup>/<sub>16</sub>" x 16 <sup>9</sup>/<sub>16</sub>" x 15"; weight: 55 lbs.

*Tax Free Price ¥ 145,000*



### CTP 3202 14" Solid State Color TV

100% solid state TV • All heat-producing chassis tubes replaced with selected IC's and transistors • Sanyo Black Matrix picture tube with each color dot given a black background for richer, more contrasty color brilliance • Rotary tuning knobs for color, brightness and contrast • Separate rotary dials for UHF and VHF channel selection • PAL (CCIR) system • Dimensions:  $18\frac{9}{16}$ " x  $13\frac{3}{8}$ " x  $15\frac{3}{16}$ "; 39 lbs. 9 ozs.

*Tax Free Price ¥ 115,000*



Australia only

### CTP 5601 18" Color TV with Black Matrix Picture Tube

Compact, room-to-room portability with 18" screen,  $110^\circ$  deflection angle • For all VHF channels • Exceptional color reproduction with Black Matrix CRT tube • Power transformer eliminates "hot chassis" for complete safety • All solid state devices including 3 IC's, 58 transistors • PAL (CCIR) system • Finished in attractive wood grain cabinet • Dimensions:  $24\frac{1}{4}$ " x  $17\frac{9}{16}$ " x  $17\frac{3}{4}$ "; weight: 31 lbs. 12 ozs.

*Tax Free Price ¥ 157,000*



**91C 61 19" 100% Solid State Color TV**

State-of-the-art engineering using integrated circuits • New in-line gun, slotted mask, black matrix tube • Trimatic color tuning with 3 pushbuttons for automatic setting and sub-controls for presetting • AFT, keyed automatic gain control, automatic degaussing and noise cancellation circuits • High-impact molded plastic cabinet finished in walnut grain • Lighted VHF and UHF channel indicators • Dimensions: 24<sup>5</sup>/<sub>8</sub>" x 17" x 18<sup>1</sup>/<sub>4</sub>"; weight 57 lbs.

*Tax Free Price ¥ 109,000*



**31C 38 13" 100% Solid State Color TV**

Solid state chassis for greater sensitivity, better resolution, and more stable picture • In-line gun, slotted mask, black matrix picture tube • Auto fine tuning, keyed automatic gain control, and VHF and UHF detent tuners • Instant-on circuitry with energy-saving vacation switch • Automatic degaussing and noise cancellation circuits • High-impact molded plastic cabinet finished in walnut grain • Dimensions: 13<sup>3</sup>/<sub>8</sub>" x 18<sup>9</sup>/<sub>16</sub>" x 15<sup>3</sup>/<sub>16</sub>"; weight: 39 lbs.

*Tax Free Price ¥ 89,800*



**20P 225S 20" Deluxe B&W Portable TV**

Rich, contrasty, corner-to-corner brilliance on a large 20" screen • Extra-slim dimensions with 114° deflection angle • For all VHF channels • The best of transistors and tubes with advanced hybrid circuitry • Slide lever controls and Dipole antenna system • Dimensions: 16 $\frac{1}{16}$ " x 22 $\frac{5}{8}$ " x 15 $\frac{1}{16}$ "; weight: 37 lbs. 2 ozs.

*Tax Free Price ¥ 45,800*



**20T 2003D Fully Transistorized 20" Portable TV**

A portable deluxe B&W model with all solid state circuitry including 3 IC's • Wide 20" screen with 114° deflection angle • All VHF channels with fine tuning • Includes slide controls, earphone jack, Dipole antenna • Dimensions: 22 $\frac{7}{16}$ " x 16 $\frac{1}{16}$ " x 14 $\frac{3}{16}$ "; weight: 36 lbs. 5 ozs.

*Tax Free Price ¥ Soon on sale*



**17T 703D 17" Portable IC Television**

Sharp, contrasty B&W reproduction on 17" screen with 110° deflection angle • Solid state circuitry includes 1 IC, 21 transistors • Rotary dials for all VHF channels • Slide controls • Slim, lightweight design • Dimensions: 20 $\frac{1}{2}$ " x 14 $\frac{3}{16}$ " x 13 $\frac{9}{16}$ "; weight: 27 lbs. 7 ozs.

*Tax Free Price ¥ 42,700*



**14 T402 Dual-Powered 14" B&W TV**

It goes where you go, works on AC or batteries • Crisp, clear delivery of all VHF channels on a wide 14" screen • Rugged circuitry includes 28 transistors • Attractive cabinet in white or red • Dimensions:  $17\frac{3}{8}"$  x  $11\frac{13}{16}"$  x  $13"$ ; weight: 20 lbs. 14 ozs.

*Tax Free Price ¥ 41,600*



**12T 222U 12" AC/DC Carry-About TV**

Power from AC or 12V battery pack • All solid state • Complete with slide controls, rotary UHF/VHF channel selectors and earphone jack • Cabinet in red, white or canary yellow • Dimensions:  $16\frac{3}{16}"$  x  $11\frac{5}{8}"$  x  $13"$ ; weight: 16 lbs. 8 ozs.

*Tax Free Price ¥ 33,500*



**12 T220 AC/DC All Solid State 12" Portable TV**

Use AC at home, a handy battery pack outdoors • Equipped with Automatic Gain Control (AGC), simplified chassis construction and stylish cabinet design • Dimensions:  $16\frac{3}{16}"$  x  $11\frac{3}{4}"$  x  $12\frac{15}{16}"$ ; weight: 16 lbs. 12 ozs.

*Tax Free Price ¥ 38,600*



**10 T152U 10" Dual-Powered All Solid State TV**

Small enough to be personal, big enough to be shared • Runs on AC or a handy battery pack • Includes sun screen for outdoor viewing, all solid state circuitry, convenient slide controls • Dimensions:  $13\frac{3}{4}"$  x  $9\frac{13}{16}"$  x  $10\frac{7}{16}"$ ; weight: 13 lbs.

*Tax Free Price ¥ 39,800*

## TAPE RECORDERS

Sanyo is the world's most productive tape recorder manufacturer. With literally millions of units of experience, it is only natural that many of the "firsts" in this field are the result of Sanyo technological pioneering. Among these breakthroughs are Sanyo Memo-Play, a computer-like memory device for automatically repaying

recorded sections of the tape, fade-in/fade-out mike mixing and an automatic shut-off sleep timer for the radio. Other advances include Automatic Level Control (ALC), precision-engineered tape transports and tiny-built-in condenser mikes. Take a good look at the models on the following pages, and choose the one that perfectly fits your listening requirements.



### M 2480K Mechanically Advanced 4-Band Radio/Cassette Recorder

Super sensitive MW/SW<sub>1</sub>/SW<sub>2</sub>/FM radio • Built-in condenser mike • Fade-in/fade-out mike mixing • Special ramination head • Hi-fi amp with bass & treble control • Brilliant speaker (15 x 10cm) • Auto stop and sleep timer • Power from AC, dry cells or a car battery (optional) • 3000mW output power • Dimensions: 13 1/8" x 7 11/16" x 3 9/16"; weight: 7 lbs.

Tax Free Price ¥ 48,800



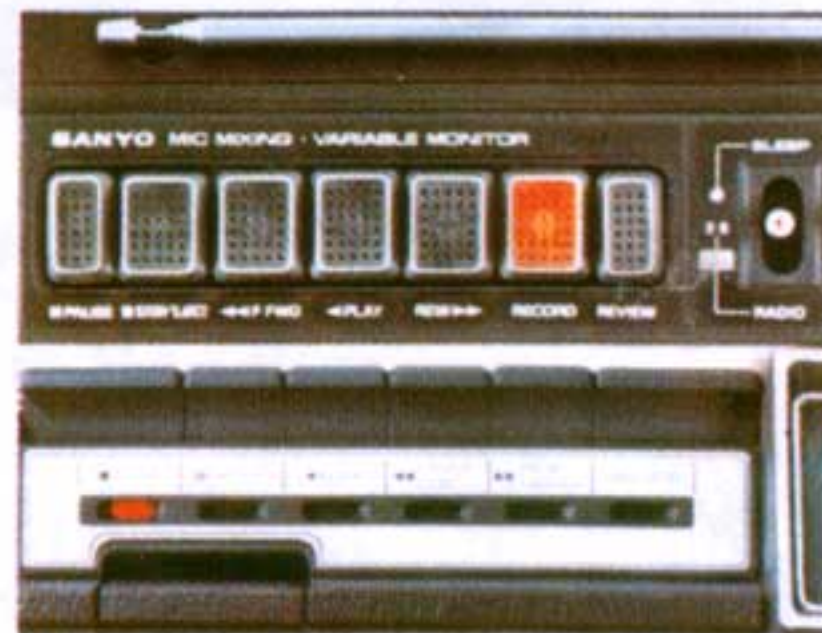
#### Memo-Play

By simply depressing the review button, the tape rewinds to the exact position where recording began, stops, and playback begins, all automatically.



#### Fade-in/Fade-out Mike Mixing

Professional mike mixing with individual adjustment of source volume, outside mike volume and ordinary sound volume during recording.



#### Extra Conveniences, Extra Controls

Full auto stop at the end of the cassette; automatic shut-off sleep timer for the radio. Also pause, cueing, review buttons, and separate bass and treble controls



**M 9800T Multi-Band Radio/Cassette with 2 amps, 2 speakers**

Sensitive MW/SW<sub>1</sub>/SW<sub>2</sub>/LW/FM radio and cassette recorder combination • Built-in 3,700mW woofer and 800mW tweeter • Fully equipped with 3-digit memory counter, AFC, loudness switch, built-in mike and variable monitoring • Auto shut-off for the cassette; sleep timer for the radio • Also Cr02/normal tape selector • Dimensions: 14<sup>5</sup>/<sub>8</sub>" x 9<sup>7</sup>/<sub>16</sub>" x 4<sup>1</sup>/<sub>4</sub>"; weight: 8 lbs. 8 ozs.

*Tax Free Price ¥ Soon on sale*



**M 2470N Deluxe Radio/Cassette with Memo-Play**

Advanced models with memory counter and automatic replay (Memo-Play) of recorded material • Built-in MW/SW/FM radio • Equipped with auto stop in any mode, AFC for the FM, review and pause buttons, and power from AC or dry cells • Dimensions: 14<sup>1</sup>/<sub>8</sub>" x 8<sup>9</sup>/<sub>16</sub>" x 3<sup>5</sup>/<sub>8</sub>" 1; 7 lbs. 12 ozs.

*Tax Free Price ¥ 39,800*



**M 9200K Radio/Cassette with After Recording**

Portable unit for sound-after-sound recording and unlimited mike mixing • Equipped with MW/SW<sub>1</sub>/SW<sub>2</sub>/FM radio, built-in mike, 2 VU meters (one for each tape track), normal/2-track switch and AFC • Power from AC or batteries • Large 13 x 18cm speaker • Dimensions: 13<sup>9</sup>/<sub>16</sub>" x 8<sup>3</sup>/<sub>4</sub>" x 3<sup>7</sup>/<sub>8</sub>"; weight: 8 lbs. 8 ozs.

*Tax Free Price ¥ 49,800*



**M 2468N 3-Band Radio/Cassette with Memory Rewind**

Memory counter and rewind system for rewinding tape to exact position where recording began • Built-in MW/SW/FM radio with AFC for the FM • Also auto stop for the cassette, built-in condenser mike, VU/tune/battery meter and power from AC or dry cells • Dimensions:  $13\frac{3}{8}'' \times 8\frac{5}{8}'' \times 3\frac{13}{16}''$ ; weight: 7 lbs. 4 ozs.

*Tax Free Price ¥ 34,400*



**M 2444K/H/L 4-Band Radio/Cassette with 12cm Speaker**

Large speaker, extra power (4,000mW max.) • Choice of MW/SW<sub>1</sub>/SW<sub>2</sub>/FM(K), MW/SW<sub>1</sub>/SW<sub>2</sub>/SW<sub>3</sub>(H) or MW/SW/LW/FM(L) • Power from 3 sources • VU/battery check meter, built-in mike, auto shut-off, sleep timer for the radio, SW fine tuning and Hi/Lo/Off monitor switch included • Dimensions:  $13\frac{1}{4}'' \times 8\frac{1}{4}'' \times 3\frac{9}{16}''$ ; weight 6 lbs. 8 ozs.

*Tax Free Price ¥ 29,800*



**M 2450F Portable AM/FM Radio-Cassette Sound Mixer**

Unlimited mixing in both the record and play modes • Equipped with sensitive, built-in condenser mike, Auto Level Control (ALC), sleep timer for the radio and pause control • Also AFC for the FM, 2,000mW output power and rugged military design • Dimensions:  $9\frac{7}{8}'' \times 4'' \times 10\frac{7}{16}''$ ; weight: 6 lbs. 10 ozs.

*Tax Free Price ¥31,800*



**M 2430F/H Radio/Cassette with Variable Monitoring**

Choice of AM/FM (M 2430F) or MW/SW<sub>1</sub>/SW<sub>2</sub> (M 2430H) • Auto stop, tape counter, VU/battery meter, radio sleep timer and variable monitoring during recording • Power from AC or dry cells • Output power: 2,000mW • Dimensions: 13<sup>1</sup>/<sub>8</sub>" x 8<sup>5</sup>/<sub>16</sub>" x 3<sup>3</sup>/<sub>4</sub>"; weight: 6 lbs. 13 ozs.

*Tax Free Price ¥ 27,600*



**M 2422F Radio/Cassette with Dual Grill Speaker**

Ultra-dynamic sound through doughnut-shaped and inner circular grills for improved highs and lows, wider frequency response • Complete with MW/FM radio, tape counter, mechanical pause, AC/DC power and 2,300mW output • Dimensions: 12<sup>1</sup>/<sub>2</sub>" x 8<sup>5</sup>/<sub>8</sub>" x 3<sup>5</sup>/<sub>8</sub>"; weight: 5 lbs. 1 oz.

*Tax Free Price ¥ 21,800*



**M 2420F/H Dual-Powered Radio/Cassette Recorder**

Choice of MW/FM (M 2420F) or MW/SW<sub>1</sub>/SW<sub>2</sub> (M 2420H) • Equipped with auto stop at the end of the tape, monitoring during recording, built-in condenser mike and Auto Level Control (ALC) • Also sleep timer for the radio and fine tuning (H only) • Dimensions 12<sup>3</sup>/<sub>4</sub>" x 7<sup>3</sup>/<sub>4</sub>" x 3<sup>5</sup>/<sub>8</sub>"; weight 5 lbs. 12 ozs.

*Tax Free Price ¥ 19,800*



**M 2402F/H IC-Equipped Portable Radio/Cassette Recorder**

Choice of sensitive AM/FM(F) or MW/SW<sub>1</sub> / SW<sub>2</sub>(H) radio • Handy piano key functions with colored mode indicators included • Also auto shut-off at the end of the tape, radio • unique tuning dial and built-in condenser mike • AC or batteries for power • Dimensions: 11<sup>7</sup>/<sub>8</sub>" x 8<sup>1</sup>/<sub>16</sub>" x 3<sup>9</sup>/<sub>16</sub>"; weight: 7 lbs. 5 ozs.

*Tax Free Price ¥ 17,800*



**M 2523 Cassette with Cueing, Review Button**

Complete with cueing, color indicators, a pause device and a REVIEW button • Full convenience with auto shut-off, a built-in mike, eject button and power from AC or batteries • Maximum power output: 2,000mW • Dimensions: 7<sup>5</sup>/<sub>8</sub>" x 3<sup>1</sup>/<sub>2</sub>" x 11<sup>3</sup>/<sub>8</sub>"; weight: 5 lbs. 3 ozs.

*Tax Free Price ¥ 16,600*



**M 2250 Triple-Powered Cassette Recorder with Built-in Mike**

Power from AC, batteries or a rechargeable power pack (optional) • Includes sensitive built-in condenser mike, battery check meter, ALC, tone control and auto stop at the end of the tape • Dimensions: 11" x 7<sup>1</sup>/<sub>8</sub>" x 3<sup>3</sup>/<sub>8</sub>"; weight: 5 lbs.

*Tax Free Price ¥ 15,800*



**M 2533 Triple-Powered Portable Cassette**

Powerful, functionable, compact • Includes 2 IC's, other advanced semiconductors • Also Auto Level Control (ALC), memory counter, built-in condenser mike and auto shut-off at the end of the tape • Works on AC, dry cells or a car battery (with optional adaptor) • Dimensions:  $6\frac{1}{8}''$  x  $11\frac{13}{16}''$  x  $3''$ ; weight: 3 lbs. 5 ozs.

*Tax Free Price ¥ 15,900*



**M 2522 Handy Cassette with Auto Stop**

Auto stop at the end of the cassette in recording or playback mode • Convenient one-touch review button • Built-in condenser mike and piano key controls • Tape counter included • Power from AC or dry cells • Slide-in/slide-out carrying handle • Dimensions:  $10\frac{1}{4}''$  x  $5\frac{11}{16}''$  x  $2\frac{3}{4}''$ ; weight 2 lbs. 14 ozs.

*Tax Free Price ¥ 12,800*



**M 2519 IC-Equipped Portable Cassette Recorder**

Amplifier with IC for improved sound recording and playback • Sensitive built-in condenser mike and fast-action piano key controls • Also Auto Level Control (ALC), earphone jack and power from dry cells or a car battery (car adaptor optional) • Dimensions:  $9\frac{7}{8}''$  x  $5\frac{9}{16}''$  x  $2\frac{13}{16}''$ ; weight: 2 lbs. 14 ozs.

*Tax Free Price ¥ 10,500*



### M 1540X Pushbutton-Controlled Cassette Recorder

Handy, portable, affordable • Six instant-action pushbuttons including review and cassette eject • Also sensitive built-in condenser mike, auto stop at the end of the tape and slide-in/slide-out carrying handle • Battery powered • Dimensions:  $5\frac{7}{16}''$  x  $2\frac{7}{16}''$  x  $9\frac{9}{16}''$ ; weight: 1 lb. 14 ozs.

*Tax Free Price ¥ 7,900*



### M 4430F/H Portable Radio/Cassette with Stereo Speaker Wing

Choice of AM/FM (M 4430F) or MW/SW<sub>1</sub> /SW<sub>2</sub> (M 4430H) radio • Power from AC or dry cells • Equipped with swing-out stereo speaker wing • 2 built-in condenser mikes • Full stereo recording and playback • Mike mixing • Variable monitoring • Rich wood speaker grills • Dimensions:  $12\frac{3}{16}''$  x  $8\frac{1}{8}''$  x  $6\frac{1}{16}''$ ; weight: 9 lbs. 8 ozs.

*Tax Free Price M-4430F ¥ 43,800*

*M-4430H ¥ 41,800*



### M 4230 Stereo Cassette with Speaker Wing, 2 Built-in Mikes

Swing-out speaker wing for full stereo anywhere • Quality stereo recording through two sensitive built-in mikes • Mike mixing • Auto stop • Auto level control (ALC) • AC or dry cells • Wood speaker grills and metal trim finish • Dimensions:  $12\frac{1}{4}''$  x  $8\frac{1}{8}''$  x  $6\frac{1}{16}''$ ; weight: 9 lbs. 8 ozs.

*Tax Free Price ¥ 32,800*



**STD 110 Home Stereo Radio/  
Cassette with 2 Bookshelf Speakers**

Sensitive AM/FM stereo radio/stereo cassette combination that easily connects to other equipment • Equipped with pushbuttons and slide controls, auto shut-off, two mikes, two VU meters, extra inputs and outputs and all solid state circuitry including 6 IC's • Dimensions:  $16\frac{3}{16}$ " x  $11\frac{5}{8}$ " x  $3\frac{3}{16}$ " (center unit),  $8\frac{5}{8}$ " x  $7$ " x  $11\frac{1}{2}$ " (speakers); total weight: 15 lbs. 12 ozs.

*Tax Free Price ¥ 63,500*



**M 4505 Portable/Home Stereo  
Cassette Recorder**

Advanced model with 2-position tape select switch (normal/chrome) • Built-in condenser mike • Pop-up control panel • DIN terminal included • Power from AC, dry cells or a car battery (car adaptor optional) • Can be used as stereo tape deck with simple one-line DIN connection • 6 IC's • Dimensions:

$12\frac{3}{8}$ " x  $8\frac{15}{16}$ " x  $2\frac{15}{16}$ "; weight: 6 lbs. 10 ozs.

*Tax Free Price ¥ 33,800*



**M 5400F Cassette/Radio/Digital  
Clock Helpmate**

AM/FM radio, cassette tape recorder and digital clock • Auto Shut-off, monitor on/off button, tone control knob and tuning indicator lamp • 1 IC and 13 transistors • 3-hour sleep timer set and 24-hour alarm set • Dimensions:  $12\frac{15}{16}$ " x  $6\frac{15}{16}$ " x  $4\frac{3}{4}$ "; weight: 6 lbs. 9 ozs.

*Tax Free Price ¥ 34,900*



### **M 139D4 Automatic Telephone Answering System**

Takes over when you're out of the office or away from home • Your message is recorded on special loop tape; incoming calls are recorded on ordinary cassettes • Built-in mike • Can also double as ordinary cassette recorder • Dimensions:  $12\frac{7}{8}$ " x 10" x  $3\frac{1}{4}$ "; weight: 8 lbs. 13 ozs.

*Tax Free Price ¥ 39,800*



### **TRA 9908 Telephone Answering Service with Remote Controller**

Recorded messages easily played back through any outside telephone with a pocket size remote controller • Unlimited messages on an endless tape • Voice actuator stops tape 10 seconds after message stops • Quick erase • Time control • Built-in mike • Dimensions:  $10\frac{7}{16}$ " x  $13\frac{3}{16}$ " x  $4\frac{1}{8}$ "; weight: 10 lbs. 20 ozs.

*Tax Free Price ¥ 84,700*



### **TRC 8000 "Memo Scriber" Office Dictating Machine**

Handy mike that also includes quick-action controls and tiny playback speaker • Quick erase button • Playback adjustable with speed control knob • Foot switch and earphones for the secretary • Dimensions:  $11\frac{1}{4}$ " x  $9\frac{1}{2}$ " x  $3\frac{3}{16}$ "; weight: 8 lbs. 4 ozs.

*Tax Free Price ¥ 46,800*



**TRC 2000 Advanced Miniature Dictating Unit with Tape End Alarm**

Held easily in one hand • Fully equipped with pushbutton controls including review and pause functions • Full mode auto stop • Condenser mike • Tape counter • LED battery check meter and tape end alarm in the recording mode • Dimensions:  $4\frac{3}{4}''$  x  $3\frac{5}{16}''$  x  $1\frac{1}{4}''$ ; weight: 1 lb. 2 ozs.

*Tax Free Price ¥ 35,800*



**TRC 1200 Midget Office Recorder**

Power from 4 penlight batteries • Pushbutton controls for all normal tape functions including pause and review • Tape counter • Battery check • Auto stop at the end of the tape • Instant eject • Dimensions:  $6\frac{9}{16}''$  x  $4\frac{9}{16}''$  x  $1\frac{13}{16}''$ ; weight: 1 lb. 5 ozs.

*Tax Free Price ¥ 19,800*



**RB 9080 Stereocast Adaptor and Headphones**

A decoder/amplifier equipped with precision-engineered IC's • For listening to FM MPX broadcasts in full stereo from a portable radio • Complete with volume control, pilot lamp and Sanyo plug-in stereo headphone • Includes IC MPX decoder and 2 amps • Dimensions:  $1\frac{1}{4}''$  x  $3''$  x  $1''$ ; weight: 6 ozs.

*Tax Free Price ¥ 7,500*

## RADIOS

The following pages introduce a number of uniquely designed table and portable radios from the idea people at Sanyo. Some are combination radio/clocks with buzzer or radio wake-up systems. The performance-proven portables in this

series feature Stereocast for unrivalled FM stereo listening pleasure through stereo headphones, modernistic controls and drift-free, interference-less audio reproduction. All models are easy to own, simple to operate and fun to listen to. They also make wonderful gifts.



### RM 8401 4-Band Radio/Clock with Snooze Button

Five minutes extra sleep with the snooze button • Sleep timer • Lighted clock • MW/SW<sub>1</sub>/SW<sub>2</sub>/FM radio • Drift-free interference-less audio reproduction • Large flip-type numerals • Telescopic antenna • Dimensions: 12<sup>3</sup>/<sub>8</sub>" x 5<sup>3</sup>/<sub>8</sub>" x 8<sup>3</sup>/<sub>4</sub>"; weight: 3 lbs. 5 ozs.

*Tax Free Price ¥ 16,900*



#### Stereocast Radio Listening

A tiny Stereocast adaptor and headphones are all that are needed for listening to FM MPX broadcasts in full stereo from a Sanyo portable Stereocast radio.



#### Instrumental Look

Sanyo leads the design trend toward radios with rugged military finishes and instrumental looks. Several models come with large, up-front, functional controls including film dialing and slide switches.



#### Two Speakers/Two Amps

Some Sanyo models bring a separate woofer and tweeter backed by 2 powerful amps to radio listening. This unique advance provides clearer sound reproduction of the whole audible spectrum.



**RM 5010 Stylish AM/FM Digital Clock Radio**

Sensitive AM/FM radio • Precision-engineered clock with copal flap movement • Automatic radio shut-off • Sleep timer • Musical wake-up • Lighted clock • Line cord antenna for FM • Earphone jack • Slide switch for automatic or manual operation • Voltage and cycle selector switches • Dimensions:  $9\frac{15}{16}$ " x  $6\frac{3}{4}$ " x  $2\frac{15}{16}$ "; weight: 2 lbs. 7 ozs.

*Tax Free Price ¥ 12,900*



**6CAT45 AM Digital Clock Radio**

Solid state radio with integrated circuitry (IC's) • Equipped with large unicone speaker • 24-hour digital clock • Music or buzzer wake-up • 60 minute sleep timer • Pushbutton control for manual or automatic operation • Dimensions:  $8\frac{11}{16}$ " x  $3\frac{13}{16}$ " x  $5\frac{1}{8}$ "; weight: 2 lbs. 1 ozs.

*Tax Free Price ¥ 9,500*



**RP 1250/1150 Stylish AM Pocket Radio**

Designed to travel along with you • Colorful, lightweight cabinetry and 2 eye-catching designs to choose from • Simplified controls with direct tuning dial and on/off-volume dial • Earphone jack provided • Dimensions:  $5\frac{1}{4}$ " x  $3\frac{5}{8}$ " x  $1\frac{7}{8}$ "; weight: 4 ozs.

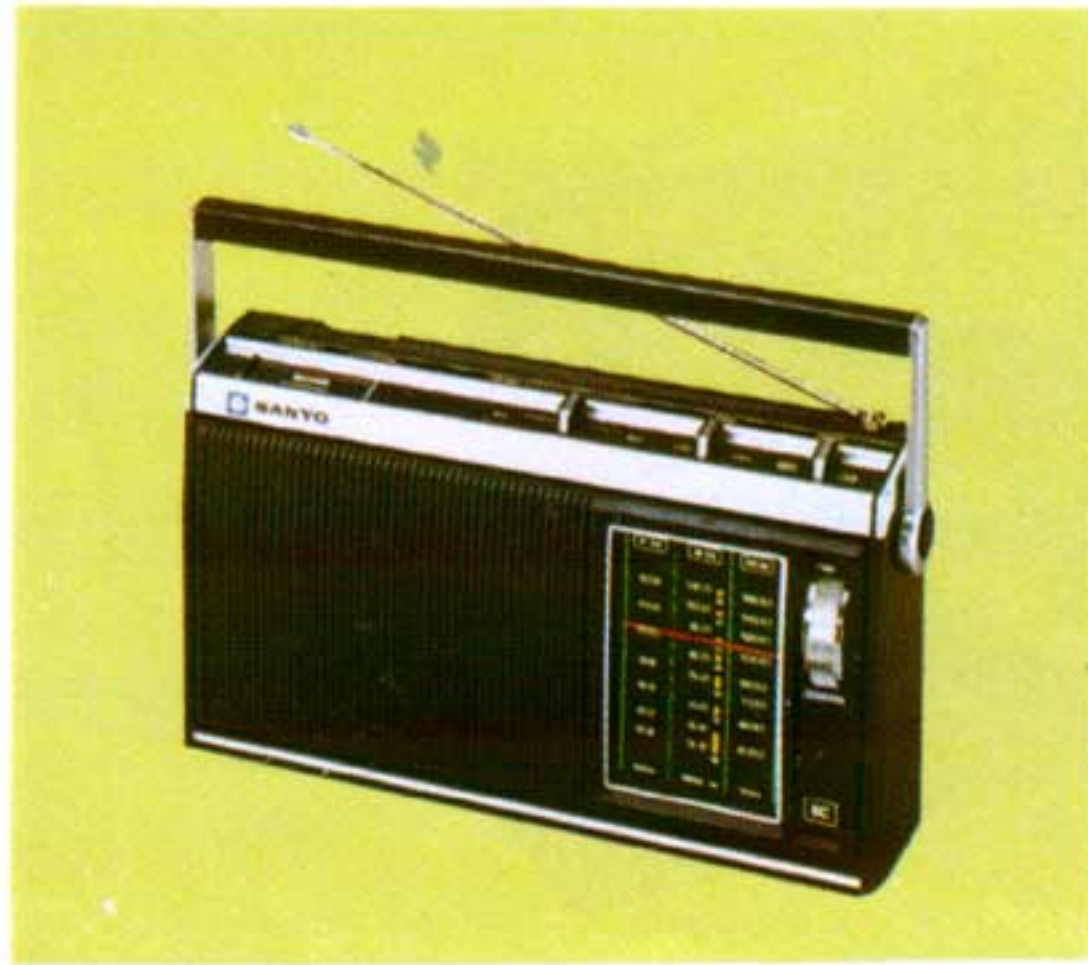
*Tax Free Price ¥ 2,800*



**RP 6000 Powerful AM/FM Portable Radio**

Drift-free reception of AM and FM with an AFC slide switch for the FM • Power from four "C" batteries plus an AC adaptor socket • Built-in ferrite rod and telescopic antennas • Output power: 1,500mW • Dimensions:  $7\frac{13}{16}$ " x  $4\frac{13}{16}$ " x  $2\frac{1}{4}$ "; weight: 1 lb. 11 ozs.

*Tax Free Price ¥ 9,800*



**RP 7411 All-Purpose 3-Band Portable**

Packs one IC and 7 transistors • Delivers MW, SW, FM and FM stereo with help from an optional Stereocast adaptor and headphones • 800mW output power and fast-action slide controls • AC or battery power • Earphone supplied • Dimensions:  $9\frac{1}{2}''$  x  $5\frac{3}{4}''$  x  $2\frac{1}{4}''$ ; weight: 2 lbs. 5 ozs.

*Tax Free Price ¥ 11,700*



**RP 5150 AM/FM Solid State Portable Radio**

Equipped with AFC to "lock in" the FM • Output power 600mW • High/low tone control • Power from 4 dry cells, AC with an adaptor • Earphone jack • 10 transistors • Rugged military finish • Geometric  $90^\circ$  precision tuning dial • Dimensions:  $7\frac{7}{16}''$  x  $1\frac{7}{8}''$  x  $4\frac{9}{16}''$ ; weight: 1 lbs. 2 ozs.

*Tax Free Price ¥ 7,980*



**RP 5330 Dual-Powered AM/FM Portable Radio**

Handy 2-band model with crisp, clear reception • Two power sources: AC or four dry cells • Complete with high/low tone switch, advanced circuitry including 10 selected transistors and an ample 600mW maximum output power • Dimensions:  $9\frac{5}{8}''$  x  $2\frac{3}{4}''$  x  $7\frac{11}{16}''$ ; weight: 2 lbs. 2 ozs.

*Tax Free Price ¥ 9,800*



**RP 7331 3-Band Portable with 2-Way Power**

Convenient portable listening indoors and outdoors • AC or dry cells • Full listening coverage with MW, SW and FM • Complete with unique tuning scale dial • High/low tone control • Separate volume dial • Earphone jack • Light, rugged construction • Dimensions:  $9\frac{5}{8}''$  x  $7\frac{11}{16}''$  x  $2\frac{3}{4}''$ ; weight: 2 lbs. 4 ozs.

*Tax Free Price ¥ 11,000*



**RP 8300 4-Band AC/DC Portable Radio**

Quality, distortion-less sound with 2 IC's, 3 transistors • Unique tuning dial, slide switches for volume, band selection and tone (continuous) • Brings in loud and clear MW/SW<sub>1</sub>/SW<sub>2</sub>/FM bands • Large 10cm speaker • Power from AC or batteries • Output power 1,500mW • Dimensions: 6<sup>7</sup>/<sub>8</sub>" x 8<sup>7</sup>/<sub>16</sub>" x 2<sup>9</sup>/<sub>16</sub>"; weight: 2 lbs. 64 ozs.

*Tax Free Price ¥ 12,800*



**RP 8700 6-Band Instrumental Look Portable Radio**

Functional, up-front controls • Brings in MW,FM and 4 shortwave bands • Equipped with rotary film dial, fast/slow mechanical fine tuning, bass/treble slide tone control, loudness switch, AFC, narrow/wide band slide switch, dial light and power from AC or batteries • Output power 2,500mW • Dimensions: 11" x 8<sup>7</sup>/<sub>16</sub>" x 3<sup>9</sup>/<sub>16</sub>"; weight: 3 lbs. 9 ozs.

*Tax Free Price ¥ 19,800*



**RP 8251 Deluxe 4-Band Portable with Woofer and Tweeter**

Two separate amplifiers with 2 speakers • Rugged military look • Includes MW/SW<sub>1</sub>/SW<sub>2</sub>/FM • Power from AC or 6 UM-1 batteries • Complete with tone control, fine tuning, AFC and DIN connector • Output power a full 4,500mW • Dimensions: 9<sup>5</sup>/<sub>16</sub>" x 9<sup>15</sup>/<sub>16</sub>" x 4<sup>9</sup>/<sub>16</sub>"; weight: 4 lbs. 7 ozs.

*Tax Free Price ¥ 18,500*



**RP 8550 Powerful 6-Band AC/DC Portable Radio**

Super-sensitive reception of MW/SW<sub>1</sub>/SW<sub>2</sub>/49M and FM • Includes AFC for the FM • Bass and Treble controls • Squelch control • Fine tuning for the shortwave • Maximum output power is a hefty 3,000mW • Operates on AC or dry cells • Dimensions: 14<sup>9</sup>/<sub>16</sub>" x 9<sup>1</sup>/<sub>16</sub>" x 4<sup>3</sup>/<sub>8</sub>"; weight: 10 lbs. 2 ozs.

*Tax Free Price ¥ 39,600*



**RP 2710 Battery-Powered MW/SW Portable**

Listening enjoyment anywhere with drift-free, distortion-less reception • Power from 3 dry cells • Output power 500mW • 8 cm speaker • Earphone jack • Outer cabinet covered with attractive leatherette • Dimensions: 7<sup>15</sup>/<sub>16</sub>" x 4<sup>5</sup>/<sub>16</sub>" x 2<sup>1</sup>/<sub>2</sub>"; weight: 2 lbs. 6 ozs.

*Tax Free Price ¥ 7,200*



**RP 2704 2-Band AC/DC Portable**

Power from dry cells or household AC • Power cord included • Clear reception of MW and SW • Fine tuning dial provided • 7 transistors • Large 10cm speaker • Earphone jack • Telescopic antenna • Dimensions: 10<sup>1</sup>/<sub>8</sub>" x 5<sup>1</sup>/<sub>4</sub>" x 2<sup>13</sup>/<sub>16</sub>"; weight: 2 lbs. 14 ozs.

*Tax Free Price ¥ 8,300*



**RP 3118 Popular 3-Band AC/DC Portable**

Lightweight • Clear, drift-free reception from MW and 2 SW bands • Operates from household AC or UM-1 batteries • Fine tuning • Battery check/tuning indicator • Telescopic antenna • Sturdy cabinet • Carrying case supplied • Dimensions: 9 1/4" x 5" x 2 1/2"; weight: 2 lbs. 6 ozs.

*Tax Free Price ¥ 8,200*



**RP 3357 Deluxe 3-Band Portable Radio**

Sensitive MW/SW<sub>1</sub>/SW<sub>2</sub> reception • Power from household AC or from 4 dry cells • Fine tuning for the SW included • Output power 1,300mW • Finished in handsome stitched leatherette • Sturdy metal handle • Good looks, good sound • Dimensions: 11 1/8" x 5 15/16" x 3 1/2"; weight: 4 lbs. 14 ozs.

*Tax Free Price ¥ 11,700*



**RP 4450 4-Band Dual-Powered Portable**

10 transistors • Crisp, clear reception of MW and 3 shortwave bands • Telescopic antenna • Power from household AC or from 4 dry cells • Fine tuning and tone controls provided • Sturdy cabinet design • Leatherette finish • Dimensions: 22 5/8" x 8 1/8" x 4"; weight: 4 lbs. 14 ozs.

*Tax Free Price ¥ 16,300*

## STEREO COMPONENTS

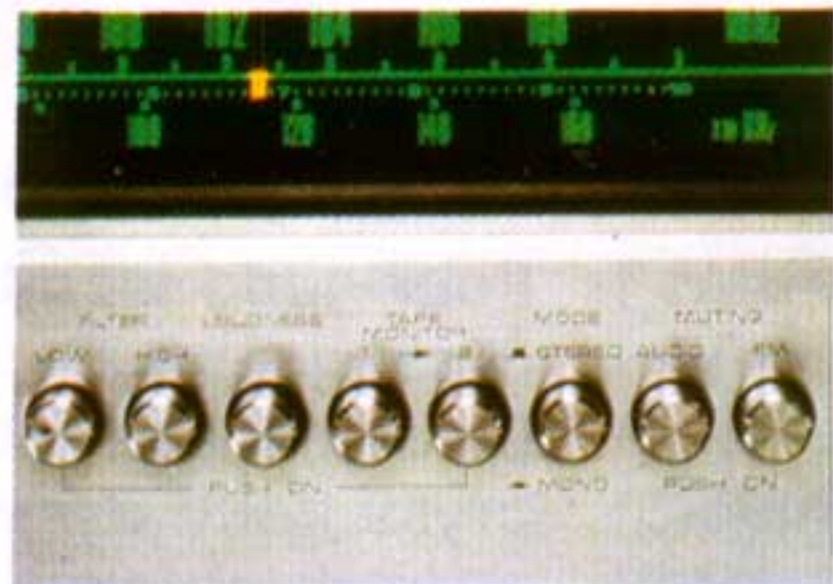
Sanyo is rated among the world's largest electronic manufacturers, yet it maintains an audio division with its own engineering, design and production staff of skilled technicians. Operations are geared entirely toward engineering and

manufacturing custom audio equipment to meet the requirements of those who demand the very finest in sound reproduction systems. The next few pages introduce some of Sanyo's latest receivers, turntables and speakers all packed with outstanding features and the latest state-of-the-art circuitry.



### Spatial Controls

Four separate controls for adjusting the output level of each of the four amplifiers in accordance with the dimensions of the listening area.



### Functional Pushbuttons

Equipped with low and high filter, loudness, tape monitor 1 and 2, stereo/mono mode and audio/FM pushbutton controls.



### Static Balanced Tone Arm

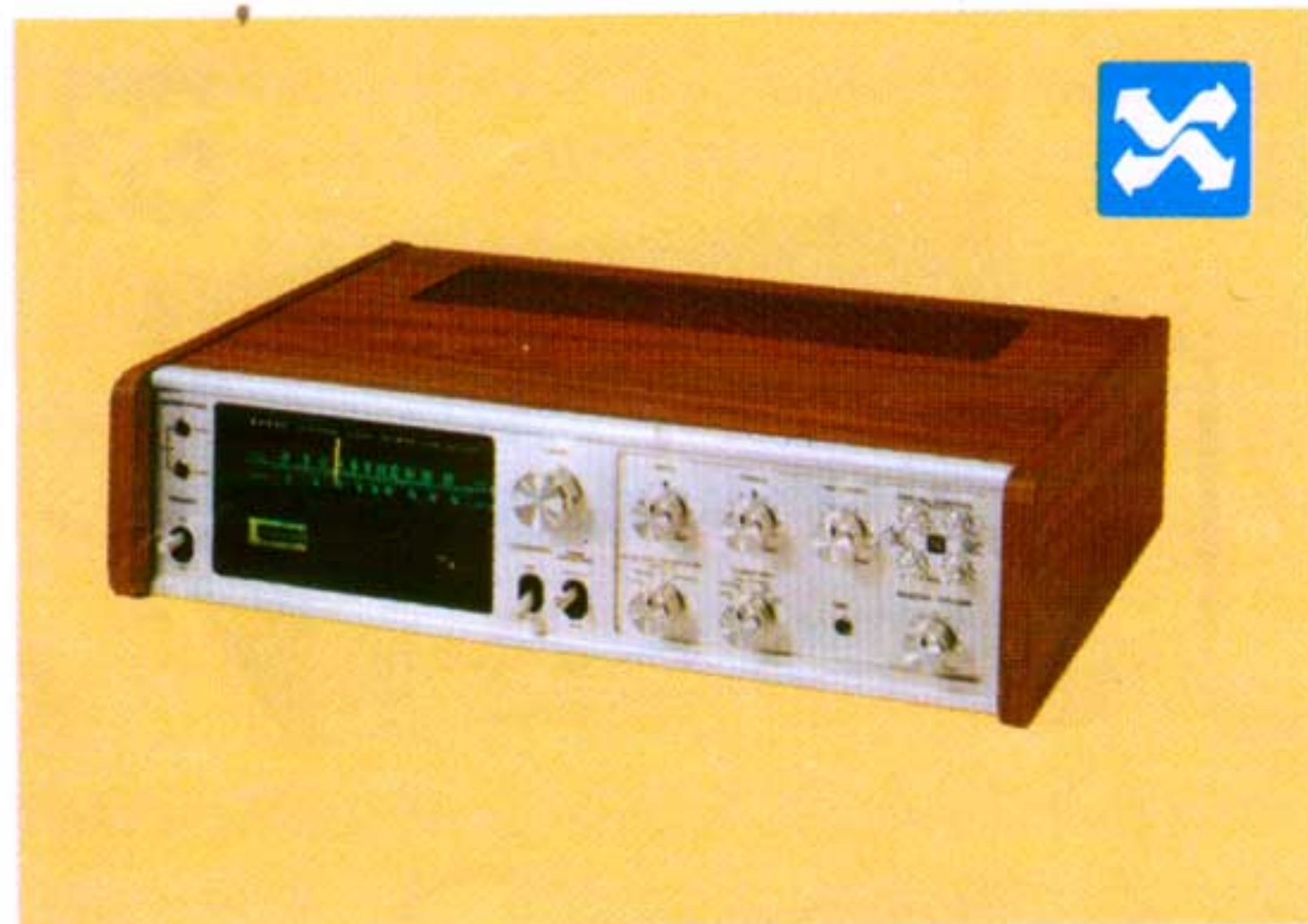
The "S" bend tone arm minimizes tracking error, comes complete with main and sub weights and an anti-skating device.



### DCX 3300KA 4-Channel Receiver

Deluxe, high-powered model • AM/FM stereo 2/4-channel receiver with FET front end • Three matrix decoder circuits plus SQ logic • Four power amps • Spatial controls • Extra inputs and outputs for 2/4-channel tape decks, ceramic or magnetic phonographs, 2/4-channel tape recording • Total Music Power: 100W (8 $\Omega$ ) • Dimensions: 19 $\frac{3}{8}$ " x 12 $\frac{3}{4}$ " x 6"; weight: 30 lbs.

*Tax Free Price ¥ 75,000*



### DCX 3100K 4-Channel Receiver

Extra-powerful 2/4-channel AM/FM stereo receiver with FET front end • Four amps that can be "strapped" during 2-channel reproduction • Decoder matrix and SQ circuitry • Spatial controls • Extra inputs and outputs, tuning meter, separate mike volume control • Total Music Power: 80W (8 $\Omega$ ) • Dimensions: 15 $\frac{5}{8}$ " x 12" x 4 $\frac{3}{4}$ "; weight: 17 lbs. 8 ozs.

*Tax Free Price ¥ 49,800*



### DCX 3000KA 4-Channel Receiver

2/4-channel stereo with decoder matrix and SQ circuitry • Spatial controls and master volume control • Extra inputs and outputs • For any tape or 4-channel music source including SQ records, CD-4 records (with adaptor) and 8-track discrete tapes • Complete with tuning meter, lighted function indicator • Total Music Power: 60W (8 $\Omega$ ) • Dimensions: 18 $\frac{5}{8}$ " x 12" x 4 $\frac{3}{4}$ "; weight: 16 lbs. 8 ozs.

*Tax Free Price ¥ 46,800*



### DCX 8000K Stereo Receiver

Four-gang variable capacitor in the FM; 3-gang variable capacitor in the AM • Linear Phase Filter in the IF replaces crystal and ceramic filters • Main amp with pure complementary circuit • Low and high filter controls, two tape monitor buttons, 7-position function selector • Total Music Power: 150W • Dimensions: 18" x 13 $\frac{5}{16}$ " x 5 $\frac{3}{16}$ "; weight: 26 lbs. 4 ozs.

*Tax Free Price ¥ 74,800*



### **DCX 6000K Stereo Receiver**

Four-gang variable capacitor, and Linear Phase Filter in the IF circuitry of the FM section • AM with Auto Gain Control and 3-gang variable capacitor • Pure complementary circuitry in the output stage • Two filter and tape monitor buttons plus 7-position function selector • 100W Total Music Power • Dimensions: 18" x 13<sup>5</sup>/<sub>16</sub>" x 5<sup>13</sup>/<sub>16</sub>"; weight: 25 lbs. 6 ozs.

*Tax Free Price ¥ 66,800*



### **DCX 4000K Stereo Receiver**

Features pure complementary circuits with PNP/NPN transistors • IF amp in the FM employs high performance IC's and ceramic filters • Also 2 separate monitor switches, FM/AUDIO muting and mike mixing • 55W Total Music Power • Dimensions: 18" x 13<sup>5</sup>/<sub>16</sub>" x 5<sup>13</sup>/<sub>16</sub>"; weight: 19 lbs.

*Tax Free Price ¥ 49,800*



### **DCX 2000K Stereo Receiver**

Advanced hybrid IC's and OTL circuitry in the amp section; IC's, FET and ceramic filters in the AM/FM tuner side • Separate mike volume control, mike mixing • 40W Total Music Power • Dimensions: 18" x 13<sup>5</sup>/<sub>16</sub>" x 5<sup>13</sup>/<sub>16</sub>"; weight: 14 lbs. 6 ozs.

*Tax Free Price ¥ 41,800*



**DCA 650 High Powered Stereo Amplifier**

Advanced, precision-engineered model with extra power (60W+60W, 1KHz), 4 ohms, each channel driven) • Outstanding bare characteristics, shallow NF • 3-position slew rate control, all stage direct-coupled main amp, pure capacitance OCL circuitry, and ultra-low distortion • Dimensions: 16<sup>9</sup>/<sub>16</sub>" x 13" x 5<sup>1</sup>/<sub>8</sub>"; weight: 22 lbs. 8 ozs.

*Tax Free Price ¥ 62,500*



**DCA 250 High Powered Stereo Amplifier**

Outstanding bare characteristics and shallow NF • Built-in slew rate for linear clipping of music signal • Continuous power: 30W+30W, 1KHz, 4 ohms, each channel driven • Two-stage PNP-NPN equalizer • Low filter switch • Mike mixing with separate mike level control • Dimensions: 16<sup>9</sup>/<sub>16</sub>" x 13" x 5<sup>1</sup>/<sub>8</sub>"; weight: 22 lbs. 8 ozs.

*Tax Free Price ¥ 43,500*



**RD 4600 Dolby Deck with Direct Drive Motor**

Speed accuracy with a Saturable Magnetic Core DC brushless motor • Also included are a selector for low noise, chrome and normal tapes, Super Ferrite Heads, auto return and auto repeat • VU level meters on tilt-up panel • Handy rewind system also included • Dimensions: 18<sup>3</sup>/<sub>8</sub>" x 4<sup>1</sup>/<sub>8</sub>" x 11<sup>3</sup>/<sub>16</sub>"; weight: 16 lbs. 8 ozs.

*Tax Free Price ¥ 99,800*



**RD 4545 Dolby Deck with 2-Motor Tape Drive, 3 Ferrite Heads**

Advanced model with Dolby noise reduction and adjustment • Complete with three-position tape selector • Limiter circuit • Memory counter • Tape end alarm • Performance-proven 2-motor system with 3 ferrite heads including monitoring head • S/N ratio: 60 dB with Dolby switch on • Dimensions:  $16\frac{5}{16}$ " x  $11\frac{7}{16}$ " x  $5\frac{1}{8}$ "; weight: 17 lbs. 6 ozs.

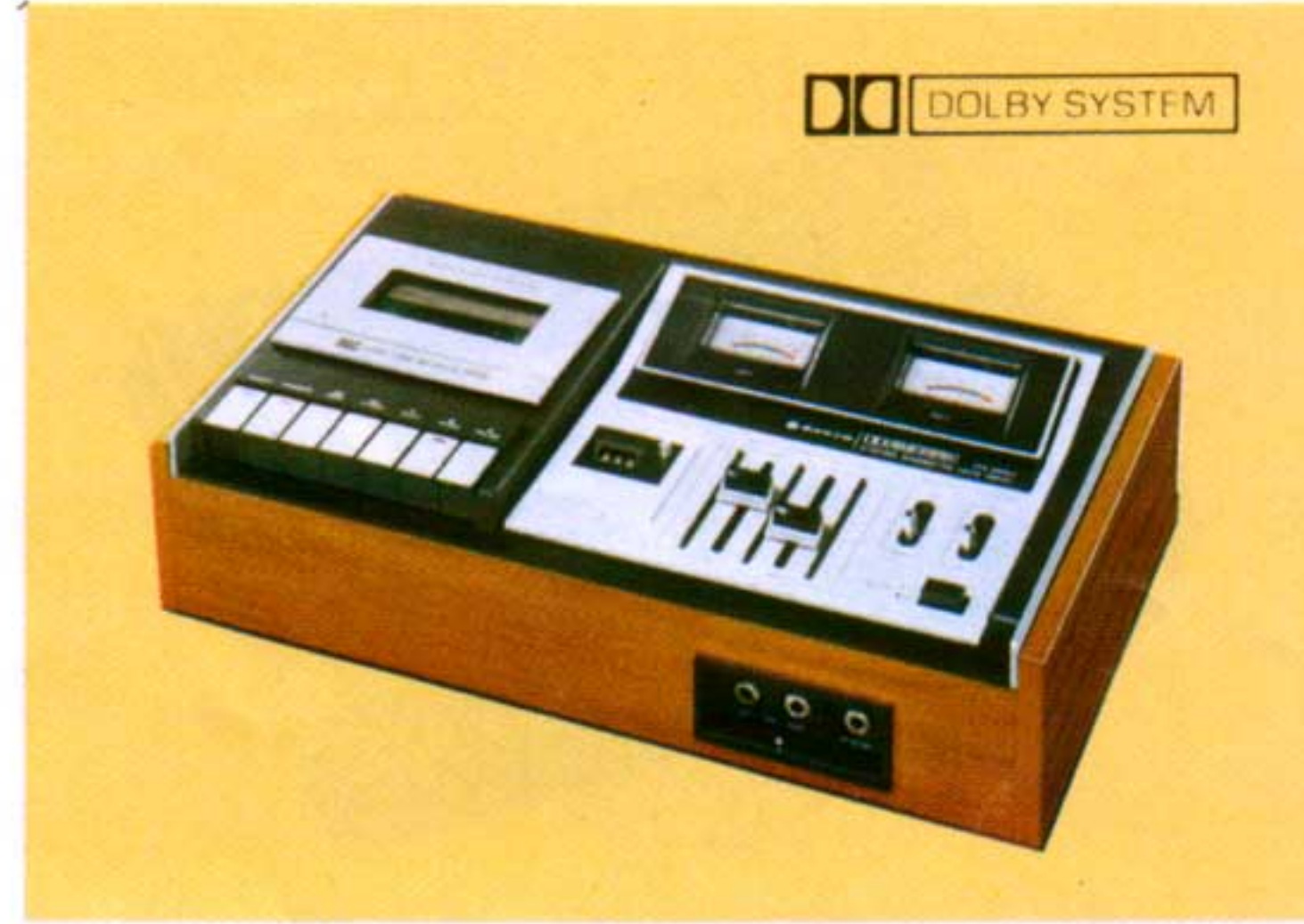
*Tax Free Price ¥89,800*



**RD 4350 SFH-Equipped Dolby Cassette Tape Deck**

Custom-manufactured with Super Ferrite Heads (SFH), servo-drive tape transport, built-in memory counter and separate record and playback level controls • Cue and pause controls included • Dimensions: 17" x 9" x 5"; weight: 12 lbs.

*Tax Free Price ¥ 69,800*



**RD 4260 Dolby Deck with Long Time Metallic Head**

Record/play 2-head system with metallic coating • Wow & flutter: better than 0.18%, and S/N rated at 58 dB with the Dolby switch on • Individual VU meters, mechanical auto shut-off and Cr02/normal tape selector switch • Dimensions: 17" x  $4\frac{1}{4}$ " x  $9\frac{1}{2}$ "; weight: 9 lbs. 7 ozs.

*Tax Free Price ¥ 49,800*



**RD 4541M Dolby Deck with Ferrite Monitoring Head**

Minimal tape hiss and noise with Dolby noise reduction • Ferrite monitoring head • Full auto stop in any mode • Tape counter • Tape selector for normal or chrome tapes • Mechanical pause • 2 VU meters • Signal to noise ratio 58 dB with Dolby switch on • Dimensions: 13<sup>3</sup>/<sub>8</sub>" x 4<sup>3</sup>/<sub>16</sub>" x 10<sup>1</sup>/<sub>16</sub>"; weight: 8 lbs. 3 ozs.

*Tax Free Price ¥ 57,000*



**RD 4050 Stereo Cassette Deck with Advanced Noise Reduction**

Handsome wooden cabinet • Dynamic noise limiter • Selector switch for normal or chrome tapes • Piano key function selectors • 2 large VU meters • Input level controls for each channel • 2-channel 4-track stereo recording and playback • 2 volume slide controls • Dimensions: 14" x 3<sup>1</sup>/<sub>8</sub>" x 5<sup>1</sup>/<sub>16</sub>"; weight: 7 lbs. 15 ozs.

*Tax Free Price ¥ 33,800*



**RD 9600 3-Motor 4-Head Open Reel Deck for Professional Use**

Precision-engineered models for the particular audiophile • Includes a high-torque 6-pole induction motor for optimum tape tension • MIC/LINE level controls also provided for professional sound mixing • Bias selection switch and 1 KHz test oscillator are included • Wow and flutter rated at less than 0.05% (W.R.M.S. 38cm/sec.) • Dimensions: 17<sup>1</sup>/<sub>4</sub>" x 9<sup>7</sup>/<sub>16</sub>" x 20<sup>1</sup>/<sub>2</sub>"; weight: 48 lbs. 4 ozs.

*Tax Free Price ¥ 198,000*



**RD 8450 2/4-Channel 8-Track Tape Deck**

Advanced model with 2/4-channel heads and 4 power amplifiers • Recording in 2-channel with 4-channel playback is possible through the unit's matrix • Auto repeat for 1 track or all 4 tracks for continuous replay • Discrete/matrix, 4-channel format selector included • Dimensions:  $19\frac{11}{16}$ " x  $10\frac{5}{8}$ " x  $4\frac{3}{4}$ "; weight: 14 lbs. 5 ozs.

*Tax Free Price ¥ 62,500*



**TP 1000 Direct Drive Stereo Turntable**

The latest in turntable technology with a DC brushless motor and direct drive • S/N ratio better than 60 dB, wow & flutter less than 0.3% (WRMS) • Strobe and neon light for exact manual speed regulation • Cueing, anti-skating, extra-heavy die cast aluminum turntable platter • Dimensions:  $19\frac{3}{8}$ " x  $7\frac{3}{8}$ " x  $15\frac{13}{16}$ "; weight: 28 lbs. 9 ozs.

*Tax Free Price ¥ 89,800*



**TP 725 2-Speed Servo Drive Stereo Turntable**

Advanced model with auto return tone arm • Equipped with slow/fast speed control, reject button and lever-type control • Accurate belt drive 4-pole AC servo motor • S-type static balanced tone arm • Wide tracking force range with direct reading counter and anti-skating device •

Dimensions:  $17\frac{13}{16}$ " x  $14\frac{1}{2}$ " x  $6\frac{9}{16}$ "; weight: 20 lbs. 9 ozs.

*Tax Free Price ¥ 37,800*



**TP 700SA Fully Automatic Stereo Turntable**

Employs a 4-pole synchronous motor and belt drive • Equipped with static balanced "S" bend tone arm with fully automatic operation and cueing • Heavy die cast aluminum turntable platter • Dimensions: 19<sup>3</sup>/<sub>4</sub>" x 15<sup>15</sup>/<sub>16</sub>" x 7<sup>1</sup>/<sub>2</sub>"; weight: 21 lbs. 9 ozs.

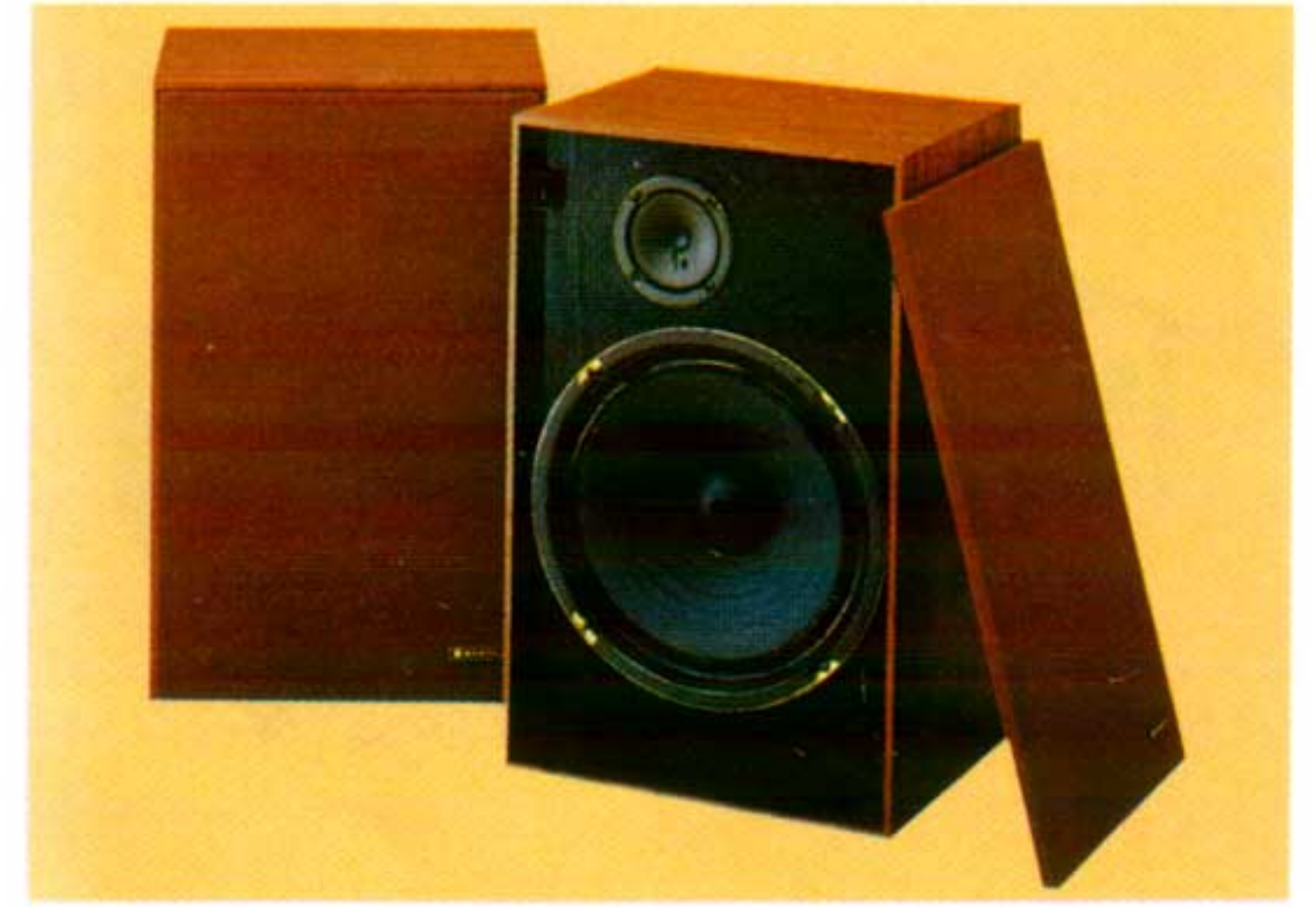
*Tax Free Price ¥ 35,800*



**TP 625 Belt Drive Stereo Turntable**

Precision-engineered turntable with 4-pole synchronous motor • 2 speeds with lever-type speed, reject and cueing controls • Wow & flutter rated at 0.08% with 48 dB S/N ratio • Heavy aluminum alloy die cast turntable platter and S-shaped static balanced tone arm • Dimensions: 17<sup>13</sup>/<sub>16</sub>" x 14<sup>7</sup>/<sub>16</sub>" x 6<sup>5</sup>/<sub>8</sub>"; weight: 17 lbs. 2 ozs.

*Tax Free Price ¥ 28,600*



**SX 800 Two-Way Hi-Fi Speaker System**

Superb transient characteristics, wide frequency range and 40W maximum input power • Compatible with practically all amplifiers • 12" woofers and 3" tweeters with specially designed Suspension-type cabinet • Dimensions: 13<sup>3</sup>/<sub>8</sub>" x 11" x 21<sup>1</sup>/<sub>4</sub>"; weight: 25 lbs. 13 ozs.

*Tax Free Price ¥ 23,500*



**SX 700 Two-Way Hi-Fi Speaker System**

Rich, clear sound from 10" woofers and 3" tweeters • Quality paper with special coating for the woofers; high-compliance diaphragm and damper in the tweeters • Inter-cabinet waves eliminated with suspension-type enclosures • Dimensions: 11" x 10<sup>1</sup>/<sub>4</sub>" x 18<sup>29</sup>/<sub>32</sub>"; weight: 16 lbs. 5 ozs.

*Tax Free Price ¥ 18,500*



**SX 801 Stereo Bookshelf Speaker System**

Two-way speakers for any home system • Included are 6<sup>1</sup>/<sub>2</sub>" woofers with free edge design for smooth bass response and 2<sup>1</sup>/<sub>2</sub>" tweeters for the middle and high range • Maximum input power: 20W • Hermetically sealed enclosures • Dimensions: 12<sup>1</sup>/<sub>4</sub>" x 7<sup>5</sup>/<sub>16</sub>" x 17<sup>3</sup>/<sub>8</sub>"; weight: 9 lbs. 15 ozs.

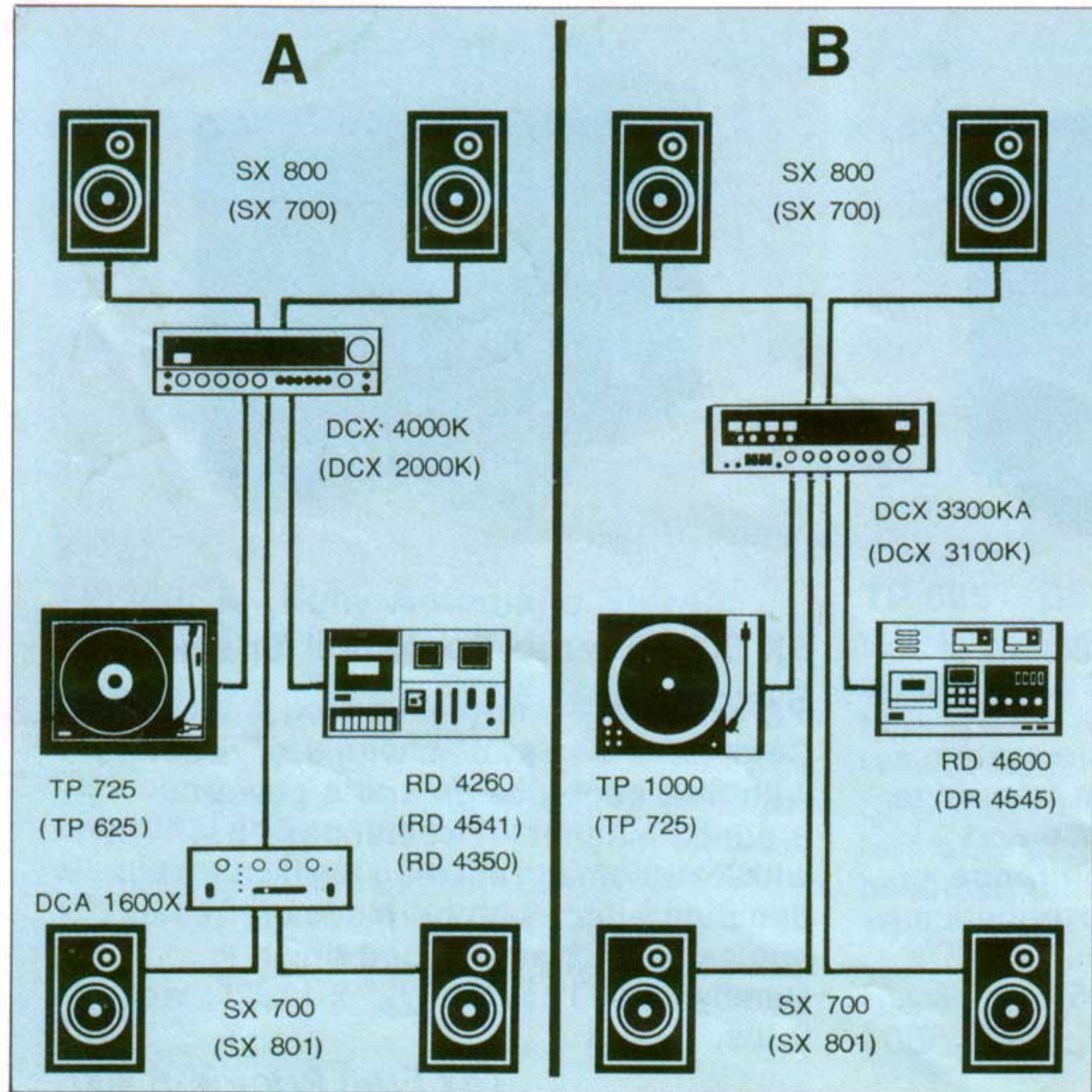
*Tax Free Price ¥ 8,500*



**SX 807 Stereo Bookshelf Speaker System**

Compact 2-way system with 6<sup>1</sup>/<sub>2</sub>" woofers with free edge design and a powerful 6-ounce magnet • Tweeters are 2<sup>1</sup>/<sub>2</sub>" with extra-small radiating surface • High damping effect with hermetically sealed enclosures • Walnut wood finish • Dimensions: 12<sup>1</sup>/<sub>4</sub>" x 7<sup>5</sup>/<sub>16</sub>" x 17<sup>3</sup>/<sub>8</sub>"; weight: 9 lbs. 15 ozs.

*Tax Free Price ¥ 6,800*



## 4-CHANNEL CONNECTION CHART

	4-Channel Decoder	Receiver	Turntable	Tape Deck	4-Channel Speaker System	
A	DCA 1600X	DCX 4000K	TP 725	RD 4260	SX 800(Front) & SX 700(Rear)	
				RD 4541	SX 700(Front) & SX 801(Rear)	
		DCX 2000K	TP 625	RD 4350		
		4-Channel Receiver	Turntable	Tape Deck	4-Channel Speaker System	
B			DCX 3300KA	TP 1000	RD 4600	SX 800(Front) & SX 700(Rear)
					RD 4350	SX 700(Front) & SX 801(Rear)
			DCX 3100K	TP 725	RD 4545	

## PORTABLE AND HOME MUSIC SYSTEMS

The following pages introduce Sanyo's immensely popular line of portable and home music systems. Some of the portable models offer three-in-one cassette/radio/phonograph listening

enjoyment in units that are about the size of an ordinary attache case. The home systems are for high fidelity 2-channel stereo or superb 4-channel with AM/FM stereo broadcasts, 2 or 4-channel stereo platters, stereo cassettes and/or 2 or 4-channel 8-track cartridge tapes.



### G 2915NK/H Complete Four-In-One Stereo System

Comes with a choice of two 3-band radios, a stereo cassette, an 8-track cartridge deck and a 3-speed phonograph • Mike mixing • Power from AC or dry cells • Lid splits into two high-compliance speakers • (NK: MW/SW<sub>1</sub>/SW<sub>2</sub>)

Dimensions: (main unit) 20<sup>5</sup>/<sub>16</sub>" x 3<sup>1</sup>/<sub>4</sub>" x 15" (speakers) 15" x 10<sup>3</sup>/<sub>16</sub>" x 3<sup>3</sup>/<sub>16</sub>"; weight: 23 lbs. 1 oz.

Tax Free Price G-2915NK ¥ 79,800

G-2915H ¥ 77,800



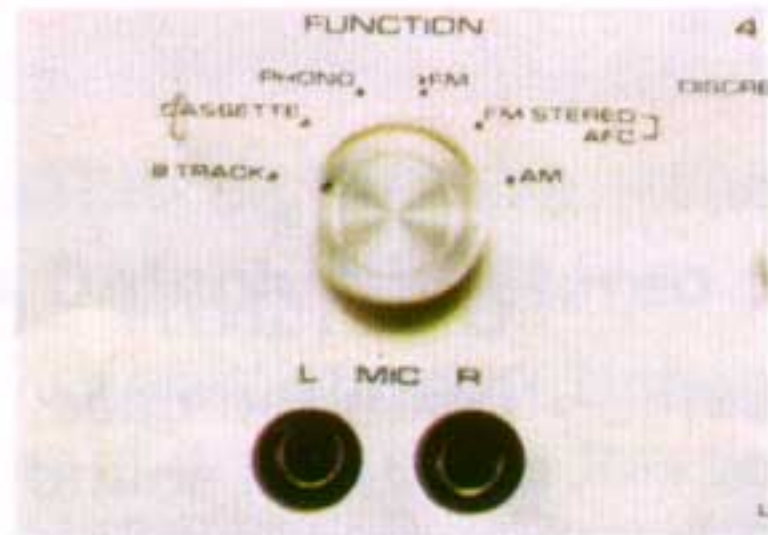
#### Three-in-one Combinations

About the size of an attache case, these models offer portable listening pleasure from broadcasts, records and cassettes.



#### Cartridges and Cassettes

Home systems with playback from 2/4-channel 8-track cartridges and recording and playback with stereo cassettes.



#### Six-Position Function Selector

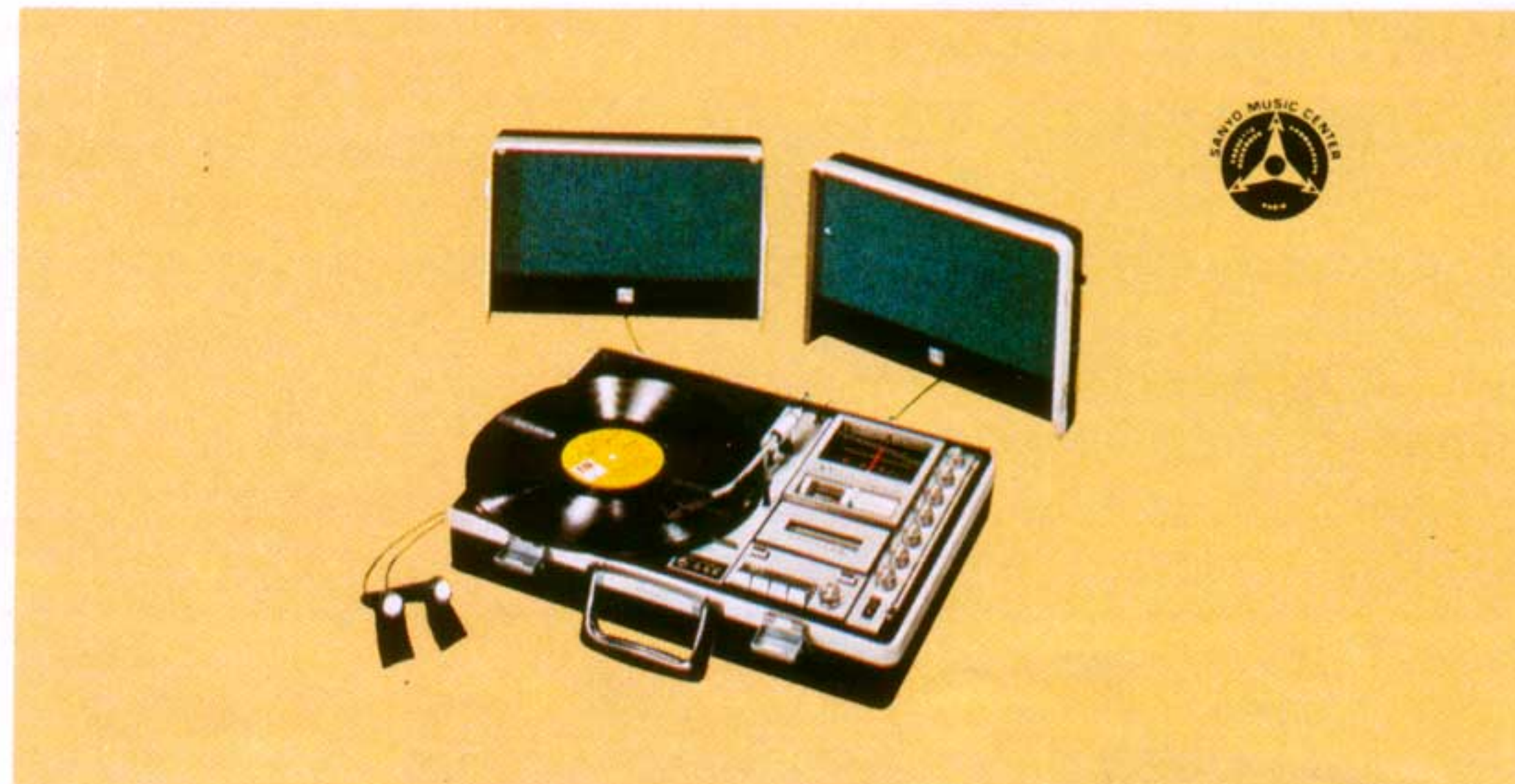
The full range of audio pleasure with 8-track, cassette, phono, AM, FM and FM stereo.



**G 2613NK/H Three-in-One Portable Stereo System**

Handy portable model that can be carried anywhere • Looks just like an executive attache case • The lid splits into two speakers • Choice of two 3-band radios, a stereo cassette recorder or a 3-speed stereo phonograph • Mike mixing • 2 mikes, headphone jack, balance and tone controls • (NK: MW/SW/FM stereo, H: MW/SW<sub>1</sub>/SW<sub>2</sub>) • Dimensions: (main unit) 12<sup>3</sup>/<sub>4</sub>" x 11" x 5<sup>3</sup>/<sub>4</sub>" (speakers) 12<sup>3</sup>/<sub>4</sub>" x 11" x 2<sup>3</sup>/<sub>4</sub>"; weight: 17 lbs.

*Tax Free Price G-2613NK ¥ 59,800/G-2613H ¥ 57,800*



**G 2615N/H Combination Stereo Music Attache Case**

Open the case, split the lid into two stereo speakers and a veritable sound studio is at your disposal • Contains a 3-band radio, a 3-speed phono and a cassette recorder with mike mixing • AC/DC power • Dimensions: 18<sup>7</sup>/<sub>16</sub>" x 14" x 5<sup>9</sup>/<sub>16</sub>"; weight: 16 lbs. 9 ozs. (N: MW/SW/FM plus FM stereo with optional Stereocast, H: MW/SW<sub>1</sub>/SW<sub>2</sub>).

*Tax Free Price G-2615N ¥ 49,800/G-2615H ¥ 48,800*



### G 2612N/H Cassette/Radio/Phono Combination

A music center that is completely portable, completely versatile • Includes a 3-band radio, a 3-speed phono and a cassette recorder for recording or playback • Two stereo speakers, 6W output power • Dimensions: 17" x 5<sup>3</sup>/<sub>8</sub>" x 11<sup>1</sup>/<sub>16</sub>"; weight: 11 lbs. 14 ozs. (G 2612N: MW/SW/FM plus FM stereo with Stereocast (optional), G 2612H: MW/SW<sub>1</sub>/SW<sub>2</sub>)

*Tax Free Price* G-2612N ¥ 44,500  
/G-2612H ¥ 43,500



### G 2319N/2219/2519 Radio/Phonograph with Detachable Stereo Speakers

"Anywhere" stereo • Unhook the lid, separate it and enjoy the finest in stereo hi-fi platter music • Power from AC or batteries • Complete with 3-speed phono studio-like slide controls • Dimensions: 16<sup>7</sup>/<sub>16</sub>" x 10<sup>1</sup>/<sub>16</sub>" x 5<sup>3</sup>/<sub>16</sub>"; weight: 8 lbs. 12 ozs. (G 2519: 7 lbs. 14 ozs., G 2319N: MW/SW/FM, G 2219: MW/SW<sub>1</sub>/SW<sub>2</sub>, G 2519: phonograph only)

*Tax Free Price* G-2319N ¥ 22,500/  
G-2219 ¥ 20,800/G-2519 ¥ 17,900



### G 1126/1526 Solid State Portable Phonograph

Plays all 33<sup>1</sup>/<sub>3</sub> and 45 rpm phono • Power from AC or batteries • Modernistic controls, slim construction • All solid state circuitry and 1,000mW output power • Dimensions: 12" x 3<sup>5</sup>/<sub>8</sub>" x 11"; weight: 4 lbs. 6 ozs. (G 1126: built-in AM radio)

*Tax Free Price* G-1126 ¥ 10,500  
¥ 10,500/G-1526 ¥ 8,900



**SPT 1100 Stereo "Sing-Along" Phonograph**

Two-speed turntable platter with induction motor and ceramic stereo cartridge • For "sing-along's" with the world's top orchestras and bands, sound is automatically reduced in the left speaker • Mike only operation also possible • Solid state circuitry, 2-tone cabinet • Dimensions: 16 $\frac{1}{4}$ " x 8 $\frac{1}{4}$ " x 5 $\frac{1}{2}$ " (main unit), 7 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " x 11 $\frac{3}{4}$ " (speakers); total weight: 8 lbs.

*Tax Free Price ¥ 9,980*



**GXT 4902K 4-in-1 Stereo Music System**

The world of stereo in a single, precision-engineered unit • Complete with AM/FM stereo tuner, 2-speed belt drive turntable with auto return tone arm • Dolby cassette recorder with auto stop and tape counter, and 8-track cartridge deck for recording and playback • Two 2-way speaker systems • Extra inputs and outputs including DIN connector • Pause control with cartridge deck • Dimensions: main unit 25 $\frac{1}{2}$ " x 17 $\frac{5}{8}$ " x 10 $\frac{3}{8}$ " speakers 13 $\frac{5}{8}$ " x 8 $\frac{1}{2}$ " x 21 $\frac{1}{2}$ "; total weight: 69 lbs. 5 ozs.

*Tax Free Price ¥ 158,000*



### **DXT 5401K 4-in-1 Music System with 2-Way Speakers**

Sensitive AM/FM stereo tuner, stereo cassette tape deck for recording and playback, 8-track tape deck for recording and playback and 3-speed record changer • 4-channel sound with 2/4-channel selector switch (by adding 2 rear speakers) • Complete with recording level meter, FM stereo light and 2 speakers with 2½" woofers and directional horn tweeters • Dimensions: (main unit) 21<sup>15</sup>/<sub>16</sub>" x 14½" x 6<sup>1</sup>/<sub>16</sub>"; (speakers): 11<sup>7</sup>/<sub>8</sub>" x 17<sup>3</sup>/<sub>8</sub>" x 7<sup>7</sup>/<sub>8</sub>"; (total weight): 47 lbs.

*Tax Free Price ¥ 89,800*



### **GXT 4640K 3-in-1 Stereo with 4-channel Matrix**

AM/FM-auto stereo receiver, automatic record changer and stereo cassette deck with 4-channel speaker matrix • Equipped with mike volume control for mike mixing • Separate bass and treble controls • Mechanical auto-stop system • DIN connector • Slide and pushbutton controls • Two quality 6½" speaker systems provided • Dimensions: (main unit) 22<sup>3</sup>/<sub>8</sub>" x 9<sup>15</sup>/<sub>16</sub>" x 13<sup>9</sup>/<sub>16</sub>", (speakers) 10¼" x 18¾" x 6<sup>11</sup>/<sub>16</sub>"; total weight: 34 lbs. 9 ozs.

*Tax Free Price ¥ 82,000*



**GXT 4514K/H AM/FM Stereo Receiver with Cassette Stereo and Auto Record Changer**

Sensitive high performance AM/FM multiplex receiver • Built-in cassette tape deck • 3-speed automatic record changer • 4-channel sound possible from 2-channel sources • Two microphones • Automatic record changer has cueing and tracking force adjustment • Dimensions: (main unit) 20<sup>3</sup>/<sub>4</sub>" x 15<sup>9</sup>/<sub>16</sub>" x 9<sup>3</sup>/<sub>4</sub>"; (speakers) 10<sup>1</sup>/<sub>4</sub>" x 7<sup>1</sup>/<sub>16</sub>" x 16<sup>1</sup>/<sub>8</sub>"; weight: 35 lbs. 9 ozs.

*Tax Free Price GXT 4514K ¥ 69,800/GXT 4514H ¥ 68,800*



**GXT 4512K 3-in-1 Receiver/Phonograph/Cassette Recorder with 4-channel Speaker Matrix**

AM/FM/FM stereo radio • Equipped with full-size automatic record changer and stereo cassette recorder with mechanical auto stop • Speaker matrix circuitry for 4-channel stereo from 2-channel sources when 2 rear speakers are added • Distortion-less reception with high sensitivity through the quality AM/FM/FM stereo receiver • Dimensions: (main unit) 19<sup>7</sup>/<sub>8</sub>" x 14<sup>1</sup>/<sub>2</sub>" x 9<sup>1</sup>/<sub>8</sub>"; (speakers) 9<sup>1</sup>/<sub>8</sub>" 5<sup>1</sup>/<sub>2</sub>" x 14<sup>3</sup>/<sub>8</sub>"; total weight: 31 lbs. 4 ozs.

*Tax Free Price ¥ 64,800*



### **GXT 4615K 3-in-1 Stereo Music System**

High-powered (3W per channel) music system with AM/FM stereo tuner, 3-speed automatic record changer and stereo cassette for recording and playback • Functions include 2/4-channel selector switch, monitoring switch, right/left volume, and tone controls • Two mikes included • Terminals for stereo headphone, right/left mikes, speakers and antennas • Dimensions: (main unit)  $19\frac{7}{8}''$  x  $8\frac{1}{8}''$  x  $15''$  (speakers)  $9\frac{1}{8}''$  x  $6\frac{1}{8}''$  x  $14\frac{3}{8}''$ ; total weight: 27 lbs. 1 ozs.

*Tax Free Price ¥ 53,800*



### **GXT 4511H 2/4-Channel Stereo Music System**

Built-in speaker matrix circuit for 4-channel sound from 2-channel sources • MW/SW<sub>1</sub>/SW<sub>2</sub> receiver • Two-speed record changer with automatic tone arm return • Built-in high fidelity stereo tape deck features pushbutton controls and automatic shut-off at the end of the tape • Adjustable recording level monitor • sealed acoustic suspension speakers • Dimensions: (main unit)  $19\frac{7}{8}''$  x  $8\frac{5}{16}''$  x  $14''$  (speakers)  $9\frac{1}{16}''$  x  $6\frac{1}{8}''$  x  $14\frac{7}{16}''$ ; total weight: 30 lbs. 13 ozs.

*Tax Free Price ¥ 65,800*



### GXT 4650K/4551H 4-Channel Stereo Music System

Complete with sensitive AM/FM stereo receiver, automatic 3-speed record changer, cassette tape deck, four amplifiers, decoder matrix circuitry and 4 stereo speakers • Includes 2 level meters, auto stop, FET in the front end for superb FM, stereo headphone jack • Dimensions: 20<sup>7</sup>/<sub>8</sub>" x 12<sup>9</sup>/<sub>16</sub>" x 9<sup>1</sup>/<sub>16</sub>" (center unit), 10<sup>1</sup>/<sub>2</sub>" x 7<sup>3</sup>/<sub>16</sub>" x 16<sup>3</sup>/<sub>16</sub>" (front speakers), 8<sup>1</sup>/<sub>8</sub>" x 7<sup>1</sup>/<sub>4</sub>" x 10<sup>1</sup>/<sub>2</sub>" (rear speakers); total weight: 44 lbs. 5 ozs. (GXT 4551H: 2 speed turntable with automatic tone arm return, MW/SW<sub>1</sub>/SW<sub>2</sub> radio)

*Tax Free Price ¥ 95,800*



### GXT 4620K/4521H 4-Channel Stereo Music System

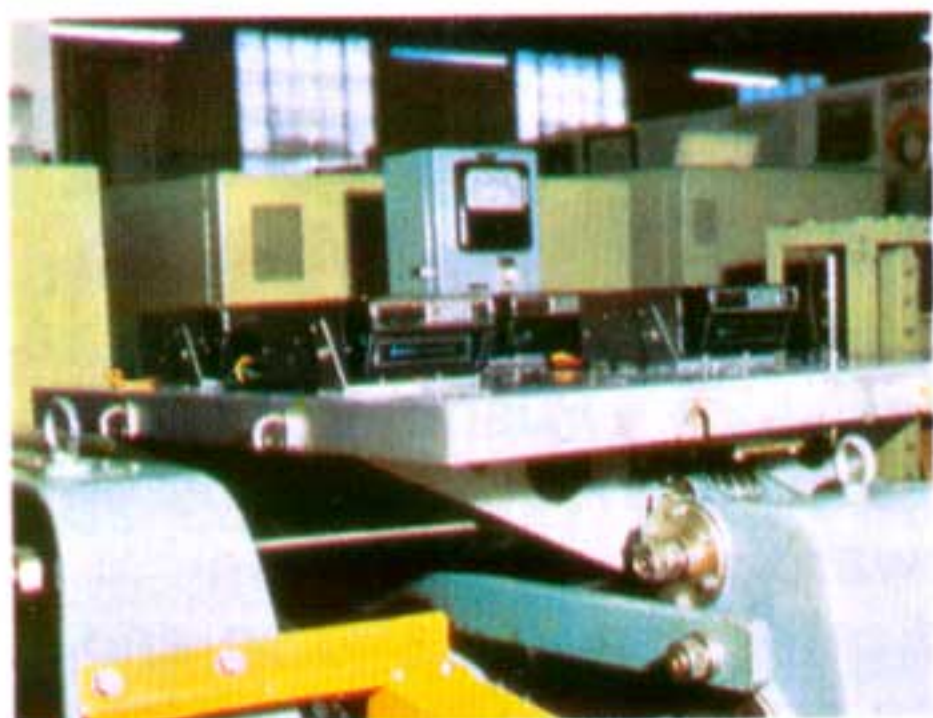
4-channel listening from 2 or 4-channel sound sources • Includes a stereo cassette tape deck, stereo turntable, AM/FM stereo receiver, four amplifiers, decoder matrix circuitry and four speakers • Spatial controls, extra inputs and outputs, 30W Total Music Power • Dimensions: 19<sup>13</sup>/<sub>16</sub>" x 14<sup>3</sup>/<sub>16</sub>" x 8<sup>5</sup>/<sub>16</sub>" (center unit), 9<sup>7</sup>/<sub>8</sub>" x 6<sup>3</sup>/<sub>4</sub>" x 15<sup>3</sup>/<sub>8</sub>" (front speakers), 7<sup>3</sup>/<sub>4</sub>" x 6<sup>3</sup>/<sub>4</sub>" x 9<sup>7</sup>/<sub>8</sub>" (rear speakers); total weight: 34 lbs. (GTX 4521H: 3-speed turntable with automatic tone arm return, MW/SW<sub>1</sub>/SW<sub>2</sub> radio)

*Tax Free Price ¥ 77,500*

## AUTOMOTIVE SOUND PRODUCTS

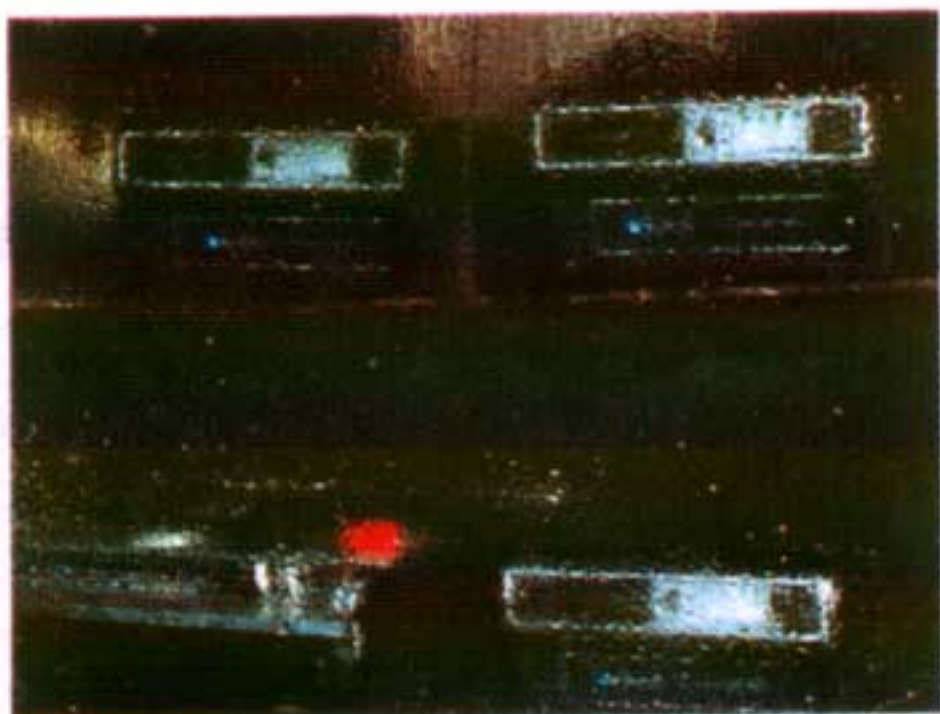
Sanyo has gone a long way to provide enjoyable, dependable audio pleasure on the road. However, to meet the ambient conditions of a car with its temperature, vibration, humidity and other

environmental conditions, each automotive sound unit has to be strictly engineered and extra-thoroughly tested.



### Vibration and Shock Tests

Much worse than the real thing. These tests make sure that not even the poorest road conditions interfere with the unit's performance.



### Humidity Test Chamber

Car stereos undergo a humidity test from 45 to 95% to assure reliable audio entertainment even under the most adverse conditions.



### Solid State Electronic Circuitry

Sanyo manufactures most of the components used in its car radios and stereo tape players. Strict engineering and quality control are employed at all times.



### FT 4020 Stereo Cassette Tape Player

Small enough for under-dash installation in most cars • Space-saving lengthwise cassette insertion • All solid state • Equipped with auto stop at the end of the tape • Play, fast forward and eject buttons • Output power: 6.5W x 2 • Dimensions:  $4\frac{13}{16}$ " x 2" x  $6\frac{7}{8}$ "; weight: 3 lbs. 2 ozs.

*Tax Free Price ¥ 14,900*



**FT 4021 In-Dash Stereo Cassette Player with Radio**

Lengthwise cassette insertion for space-saving in-dash installation

- Sensitive MW radio
- Fully equipped with play, fast forward and cassette eject buttons
- Tape lamp
- Auto cassette-to-radio switching at the end of the tape

• Dimensions: 7 1/8" x 2" x 5 1/8"; weight: 3 lbs. 11 ozs.

*Tax Free Price ¥ 21,800*



**FT 4022 In-Dash Stereo Cassette Player with FM Radio**

Space saving in-dash installation

- Fully equipped with play, fast forward and cassette eject buttons
- Tape lamp
- Auto cassette-to-radio switching at the end of the tape

• Dimensions: 7 1/8" x 2" x 5 1/8"; weight: 3 lbs. 11 ozs.

*Tax Free Price ¥ 23,800*



**FT 4023 IC-Equipped Stereo Cassette Player**

Smooth on-the-road stereo listening pleasure

- Lengthwise cassette insertion for in-dash installation
- Cassette play, fast forward and eject buttons
- Power lamp
- Tone and balance dials
- Finished with matching front panel

• Dimensions: 7 1/8" x 2" x 5 1/8"; weight: 3 lbs. 11 ozs.

*Tax Free Price ¥ 17,800*



**FT 4026 Stereo Cassette Player/MW/LW/FM Radio**

Advanced model with 2 IC's. 18 transistors

- Pushbuttons for cassette play, radio bands, fast forward and eject
- Tape indicator lamp
- Balance and tone controls
- Complete with cassette-to-radio switching for continuous audio entertainment

• Dimensions: 7 1/16" x 1 15/16" x 5 1/8"; weight: 3 lbs. 12 ozs.

*Tax Free Price ¥ 30,800*



**FT 4027 Stereo Cassette Player/3-Band Radio**

Sensitive MW/SW<sub>1</sub>/SW<sub>2</sub> radio built in • Pushbuttons for radio bands, cassette play, fast forward and cassette eject • Extra-compact dimensions for in-dash installation • Performance proven circuitry with 2 IC's • Tape indicator lamp provided • Dimensions: 7 1/8" x 1 15/16" x 5 1/8"; weight: 3 lbs. 12 ozs.

*Tax Free Price ¥ 27,800*



**FT 4028 In-Dash 2-Band Radio/Stereo Cassette Player**

Precision-engineered for distortion-less hi-fi sound • MW/FM radio • Pushbuttons for cassette play, radio bands, fast forward and cassette eject • Tone and balance dial controls • Advanced circuitry with 2 IC's • Dimensions: 7 1/16" x 1 15/16" x 5 1/8"; weight: 3 lbs. 12 ozs.

*Tax Free Price ¥ 29,800*



**FT 4030 Stereo Cassette Player/AM/FM/MPX Radio**

Pushbutton controls for AM/FM/FM stereo (MPX) • Fast forward and cassette eject • Tone and balance controls • MPX and tape lamps • One IC and 18 transistors • Lengthwise cassette insertion • Auto cassette-to-radio switching at the end of the tape • Dimensions: 7 1/8" x 1 15/16" x 5 1/8"; weight: 3 lbs. 15 ozs.

*Tax Free Price ¥ 30,800*



**FT 4033 Stereo Player with MW/SW<sub>1</sub>/SW<sub>2</sub>/SW<sub>3</sub> Radio**

Local sounds and far-off broadcasts with the 4-band radio • Lever for cassette play • Pushbuttons for band selection, fast forward and cassette eject • Tone and balance dials • In-dash installation • Auto radio-to-cassette switching at the end of the tape • Dimensions: 7 1/8" x 1 15/16" x 5 1/8"; weight: 3 lbs. 12 ozs.

*Tax Free Price ¥ 29,800*



**FT 4034 Stereo Cassette Player/4-Band Radio**

Sensitive MW/SW<sub>1</sub>/SW<sub>2</sub>/FM radio built-in • Pushbuttons for cassette play, fast forward and cassette eject • Extra-compact dimensions for in-dash installation • Performance-proven circuitry with 2 IC's • Tape indicator lamp provided • Dimensions: 7 1/8" x 1 15/16" x 5 1/8"; weight: 3 lbs. 12 ozs.

*Tax Free Price ¥ 30,800*



**FT 433 AM/FM/FM Stereo/Stereo Cassette Combination**

An advanced model for recording and listening pleasure • Sensitive AM/FM/FM MPX radio plus stereo cassette recorder with mike, fast forward, eject and rewind lever, volume, balance and tone controls • Easily installed • 6W total music output power • Dimensions: 9" x 3" x 8 1/2"; weight: lbs ozs.

*Tax Free Price ¥ 42,800*



**FT 4060 Deluxe AM/FM Stereo Radio/Cassette Player with Auto Reverse**

Fully equipped with fast forward/rewind lever • Stop and play pushbuttons • Balance and tone dials • Stereo and tape direction lamps • Plays both sides of the tape continuously and automatically • Dimensions: 7 1/16" x 2" x 5 7/8"; weight: 4 lbs. 6 ozs.

*Tax Free Price ¥ 35,800*



**FT 816 8-Track Cartridge Player with Endless Play**

Plays 8-track stereo cartridges endlessly and automatically with automatic program-to-program switching • Easily installed under the dash or mounted on the floor • Equipped with channel indicators • Slide volume controls • High/low tone switch • Dimensions: 5 3/8" x 2 5/8" x 7 1/2"; weight: 3 lbs. 12 ozs.

*Tax Free Price ¥ 9,800*



### **FT 819 Extra-Compact 8-Track Cartridge Player**

Plays 8-track stereo tape cartridges endlessly and automatically with automatic program-to-program switching • Manual channel selection • Fast forward and repeat switch • Channel indicator lights, speaker leads • Dimensions:  $5\frac{3}{8}$ " x  $2\frac{5}{8}$ " x  $7\frac{1}{2}$ "; weight: 3 lbs. 12 ozs.

*Tax Free Price ¥ 12,500*



### **FT 1100 8-Track Cartridge and Cassette Player**

The best of both worlds • Plays 8-track cartridges or stereo cassettes • Direct cartridge-to-cassette recording • Fast forward and rewind • Cassette ejection • Volume, balance and tone controls • Channel indicator lights and a handy pause button included • Dimensions:  $10\frac{1}{4}$ " x  $2\frac{7}{8}$ " x  $7\frac{1}{8}$ "; weight: 2 lbs. 6 ozs.

*Tax Free Price ¥ 39,300*



### **FSP 401**

Type: 5" • Voice coil impedance: 4 ohms • Input power: 4W • Maximum: 7W:

*Tax Free Price ¥ 4,500*



### **FSP 07**

Type: 5" • Voice coil impedance: 4 ohms • Input power: 5W • Maximum: 7W;

*Tax Free Price ¥ 4,000*



### **FSP 81**

Type: 5" • Voice coil impedance: 4 ohms • Input power: 5W; Maximum: 7W

*Tax Free Price ¥ 3,000*



### **FSP 856**

Type: 5" • Voice coil impedance: 4 ohms • Input power: 4W • Maximum: 7W

*Tax Free Price ¥ 3,500*



**F 8468 IC-Equipped AM/FM Radio**

Exceptional audio quality with 2 IC's and 7 transistors • Clear, drift-free reception of local MW stations and the musical entertainment of FM • Equipped with tone control • Speaker box (4 ohms), noise suppressors and installation fixtures • Dimensions:  $6\frac{1}{16}'' \times 1\frac{3}{4}'' \times 3\frac{3}{8}''$ ; weight: 1 lbs. 5 ozs.

*Tax Free Price ¥ 12,500*



**F 8588 Advanced Pushbutton MW/FM Car Radio**

Equipped with 6 handy pushbuttons that can be preset in minutes • Distortion-less, drift-free reception of local MW and FM stations • Tone control provided • 2 IC's and 7 transistors • Neat, functional front panel • Compact easy-to-install dimensions • Dimensions:  $7'' \times 1\frac{5}{8}'' \times 4\frac{3}{4}''$ ; weight: 2 lbs. 4 ozs.

*Tax Free Price ¥ 14,800*

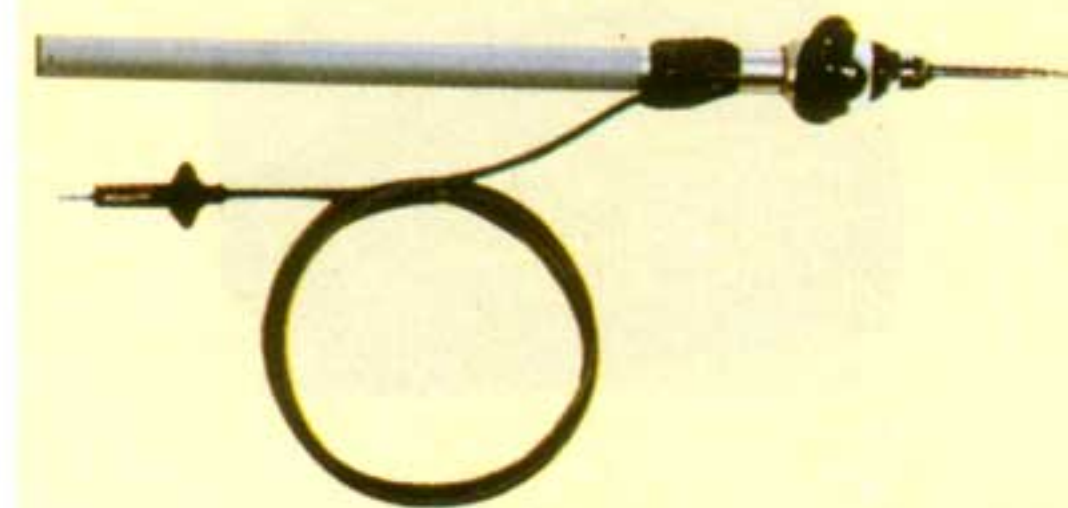


**F 8119A MW Car Radio**

Convenient manual tuning and reliable listening with 6 transistors • Safety features include large dials that collapse on impact • Drift-free, crisp, clear station reception • Dimensions:  $6\frac{7}{16}'' \times 3\frac{13}{16}'' \times 1\frac{3}{4}''$ .

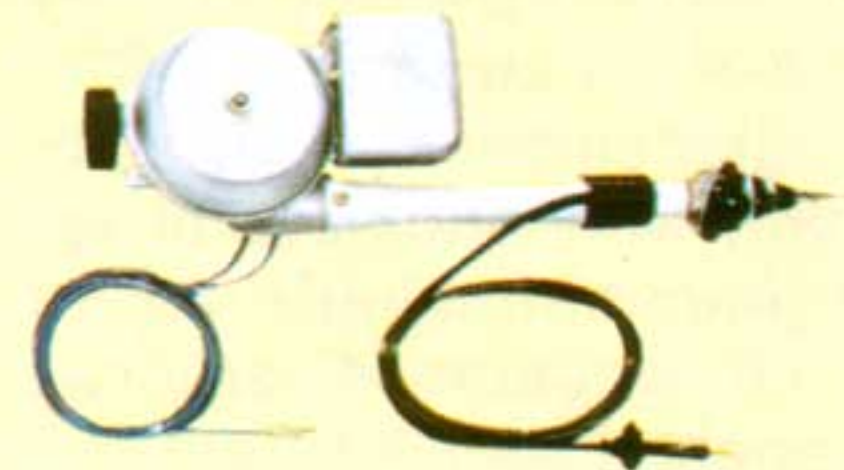
*Tax Free Price ¥ 5,900*

**CAR ANTENNAS  
(Tax free price)**



**N8P** Easily attached. Equipped with lock. 5-stage telescopic rod (47 inches).

*Tax Free Price ¥ 1,000*



**N 71** Automatic motor antenna with pushbutton up/down control. 5 stages (40 inches).

*Tax Free Price ¥ 5,000*



**TA 901C All New 5W, 23-Channel Deluxe Mobile Two-way Radio with Delta Tune, PA Jack**

Full 23-channel CB frequency (crystal synthesizer) • Delta tuning pinpoints off-center transmissions • Signal meter included • Special PA jack for direct drive PA system • Squelch control • Superheterodyne crystal-controlled receiver for high sensitivity and selectivity • Dimensions;  $2\frac{1}{8}''$  x  $6\frac{5}{16}''$  x  $7\frac{11}{16}''$ ; weight: 5 lbs. 5 ozs.

*Tax Free Price ¥ 32,800*



**TA 923 23-Channel Two-Way Radio**

Compact, all solid state CB radio with 5W final RF input power and high level modulation • Complete with variable squelch, ANL, transmit/modulation indicator lamp and plug-in mike • Dial selection for 23 channels • Dimensions:  $5\frac{1}{8}''$  x  $1\frac{9}{16}''$  x  $6\frac{3}{4}''$ ; weight: 2 lbs. 3 ozs.

*Tax Free Price ¥ 29,000*



**TA 395 Extra-Powerfull 5W Transceiver**

Powered by 10 penlight batteries • Circuitry includes 15 transistors • Squelch control and channel selector for any 6 CB channels from 1 to 23 • Includes  $2\frac{1}{4}''$  speaker and earphone.

*Tax Free Price ¥ 24,500*



**TA 393 Transceiver with Channel Selection**

Powerful 3W model with 15 transistors • Special dial for any 6 CB channels from 1 to 23 • Operates on 10 penlight batteries • Equipped with earphone, squelch control.

*Tax Free Price ¥ 21,000*



**TA 303 All-Weather 1W Transceiver**

Comes in a compact, hand-held case • Easy to operate • Complete with whip antenna and permanent dynamic speaker • Equipped with battery condition indicator, squelch control and earphone jack.

*Tax Free Price ¥ 19,000*

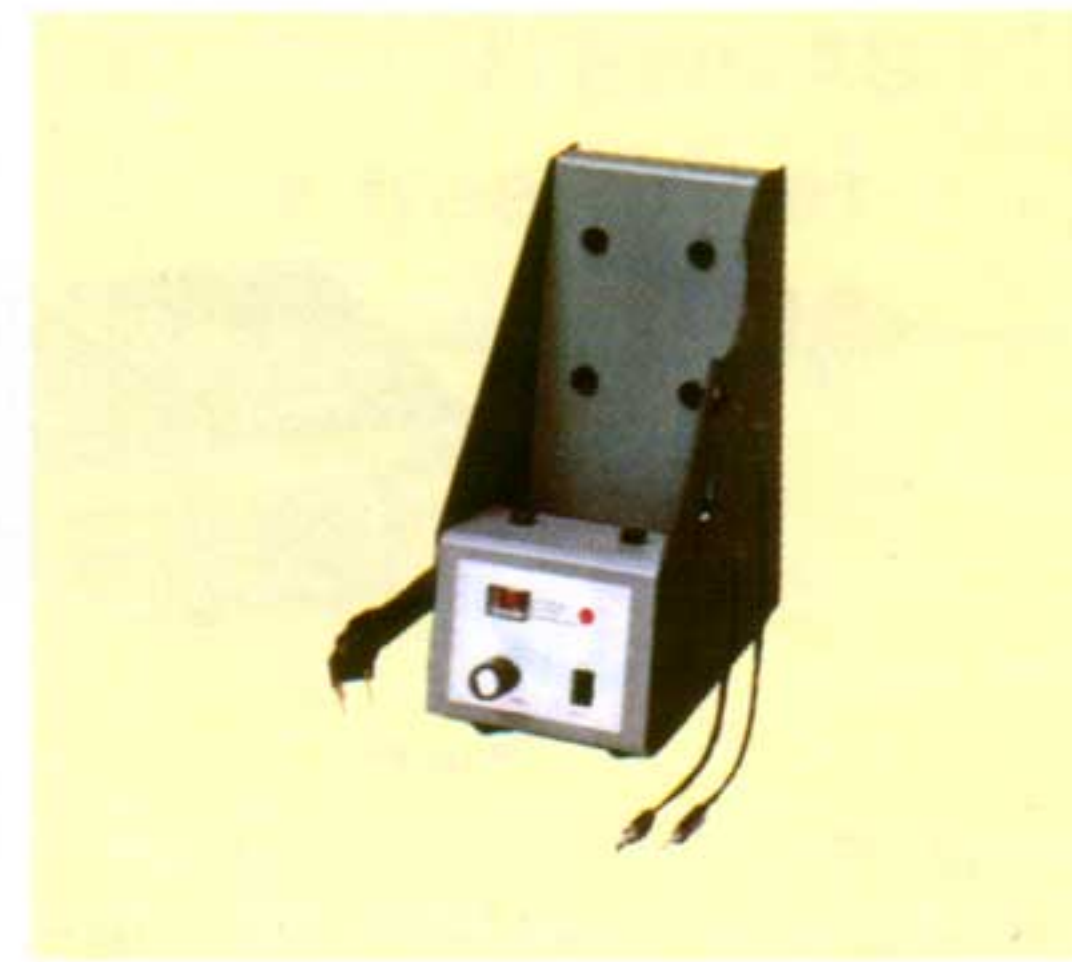


**PR 85/86 4-Channel Mobile/Portable Scanner**

Scans 4 channels automatically or manually • Dual conversion superheterodyne receiver system • Car use with 12V DC power, AC adaptor, or portable battery pack • Frequency coordinated telescoping antenna • LED channel indicators • Dimensions: 4<sup>5</sup>/<sub>8</sub>" x 1<sup>7</sup>/<sub>16</sub>" x 6<sup>11</sup>/<sub>16</sub>"; weight: 2 lbs.

*Tax Free Price PR-85 ¥ 26,000*

*PR-86 ¥ 3,500*



**CHB 4S Transceiver Battery Recharger**

Compact, easy to operate • Equipped with pilot light and battery indicator • Input: 117/220/240V; output: 15V. No possibility of overcharging.

*Tax Free Price ¥ 7,500*

## Citizens band frequency chart

CHANNEL		TRANSMIT CRYSTALS (MHz)	RECEIVE CRYSTALS (MHz)
U.S.A.	CANADA		
1	1	26.965	26.510
2	2	26.975	26.520
3	3	26.985	26.530
4	4	27.005	26.550
5	5	27.015	26.560
6	6	27.025	26.570
7	7	27.035	26.580
8	8	27.055	26.600
9	9	27.065	26.610
10	10	27.075	26.620
11	11	27.085	26.630
12	12	27.105	26.650

CHANNEL		TRANSMIT CRYSTALS (MHz)	RECEIVE CRYSTALS (MHz)
U.S.A.	CANADA		
13	13	27.115	26.660
14	14	27.125	26.670
15	15	27.135	26.680
16	16	27.155	26.700
17	17	27.165	26.710
18	18	27.175	26.720
19	19	27.185	26.730
20	20	27.205	26.750
21	21	27.215	26.760
22	22	27.225	26.770
23	Do not use	27.255	26.800

Receive crystal is 455 KHz lower in frequency than transmit crystal. Channel 23 is shared with class C Radio Control.



**SV 7300 Deluxe Rechargeable Shaver**

Multi-blade rechargeable shaver  
 • Silver finish • Whisker collector case • Recharge warning lamp • Switch lock • Ni-Cd rechargeable batteries built-in • Super-thin blade net for extra-smooth shaves • Dimensions:  $1\frac{13}{16}$ " (D) x  $4\frac{1}{2}$ " (L); weight: 6 ozs.

*Tax Free Price ¥ 4,700*



**SV 7200 Rechargeable Shaver**

Efficient multi-blade shaver with powerful micro motor • Operates on lifetime rechargeable batteries  
 • Scientifically designed blades and blade net for the smoothest shaves imaginable • Easy to use • Easy to clean • Dimensions:  $1\frac{13}{16}$ " (D) x  $4\frac{1}{2}$ " (L); weight: 6 ozs.

*Tax Free Price ¥ 4,400*



**SV 811 Rechargeable Shaver with Sideburn Trimmer**

Equipped with handy sideburn trimmer • Multi-blade type with lifetime rechargeable batteries • Attractive silver case • Easy to use and easy to clean • Comes complete with soft case, brush and mirror • Dimensions:  $4\frac{1}{2}$ " x  $2\frac{5}{16}$ " x  $1\frac{3}{4}$ "; weight: 7 ozs.

*Tax Free Price ¥ 5,980*



**HD 3500 Fast-Action Hair Dryer**

Can be used anywhere • Ideal for travelers • Built-in voltage selector • Simple pushbutton operation • Perfectly safe with shut-off thermostat included • Multi voltage • weight: 1 lbs. 1 ozs.

*Tax Free Price ¥ 5,930*



### HD 200E Compact Hair Dryer

Easy to use, easy to grip • Weighs only a few ounces yet it thoroughly dries hair in only a few minutes • Perfectly safe • 310W heater motor • Delivers both hot and cold air • weight: 13 ozs.

*Tax Free Price ¥ 3,960*



### DA 1100 Hand-Held Massager

Relieves tired muscles • Extra-lightweight for easy use • Performance-engineered, rugged motor and mechanism • Won't stall under pressure • Dimpled head for facial massage • Two-speed operation • Dimensions:  $2\frac{5}{8}$ " (h) x  $10\frac{5}{8}$ "; weight: 1.36 lbs.

*Tax Free Price ¥ 5,360*



### HCL 102 Electric Hair Curler Set

Do-it-yourself hair styling • Easy and completely safe operation • Equipped with 20 curlers (6 large, 9 medium, 5 small) • Also 20 hair pins • Heat-sensitive dots on curlers change color when heated • Handbag-style carrying case • Dimensions:  $4\frac{9}{16}$ " x  $9\frac{1}{8}$ " x  $6\frac{1}{16}$ "; weight: 4 lbs.10ozs.

*Tax Free Price ¥ 7,980*



### EC 23 Large 10-Cup Automatic Cooker

Enough room inside for large family dinners • Holds 10 full cups (1.8 liters) • 600W heater • Direct heating system and "keep warm" function.

*Tax Free Price ¥ 6,980*



**EC 13 8.5-Cup Automatic Cooker**

Powerful 600W heater gets rice, vegetables, other foods cooked in no time • Holds 8.5 cups (1.5 liters) • Direct heating system and "keep warm" function.

*Tax Free Price ¥ 6,480*



**EC 5 5.5-Cup Automatic Cooker**

Equipped with direct heating system and auto "keep warm" function • Holds food at serving temperature for hours • 500W heater • Easy to use, easy to clean.

*Tax Free Price ¥ 5,980*



**FL 4010 Emergency Power Failure Light**

The perfect appliance for blackouts • Plugs into an ordinary AC outlet and keeps fully recharged • Bright light switches on automatically when a power failure occurs • Can be unplugged and used as a portable flashlight.

*Tax Free Price ¥ 2,700*



**NL D51 Heavy-Duty Rechargeable Searchlight**

Professional type with sealed beam • Can be recharged hundreds of times • Comes with High/Low switch • Wetproof construction • Approx. 7 hrs. operation per charge • Dimensions: 8 1/4" x 7 1/2" x 7 1/2"; weight: 5 lbs. 8 ozs.

*Tax Free Price ¥ 21,000*



**NL 522 Powerful  
Wetproof CADNICA  
Searchlite**

Great for camping trips,  
other outdoor activities •  
Maximum range of over  
300 meters • Shoulder  
strap and spare bulb  
included • Dimensions:  
3 1/4" (φ) x 8 3/4"; weight:  
11 ozs.

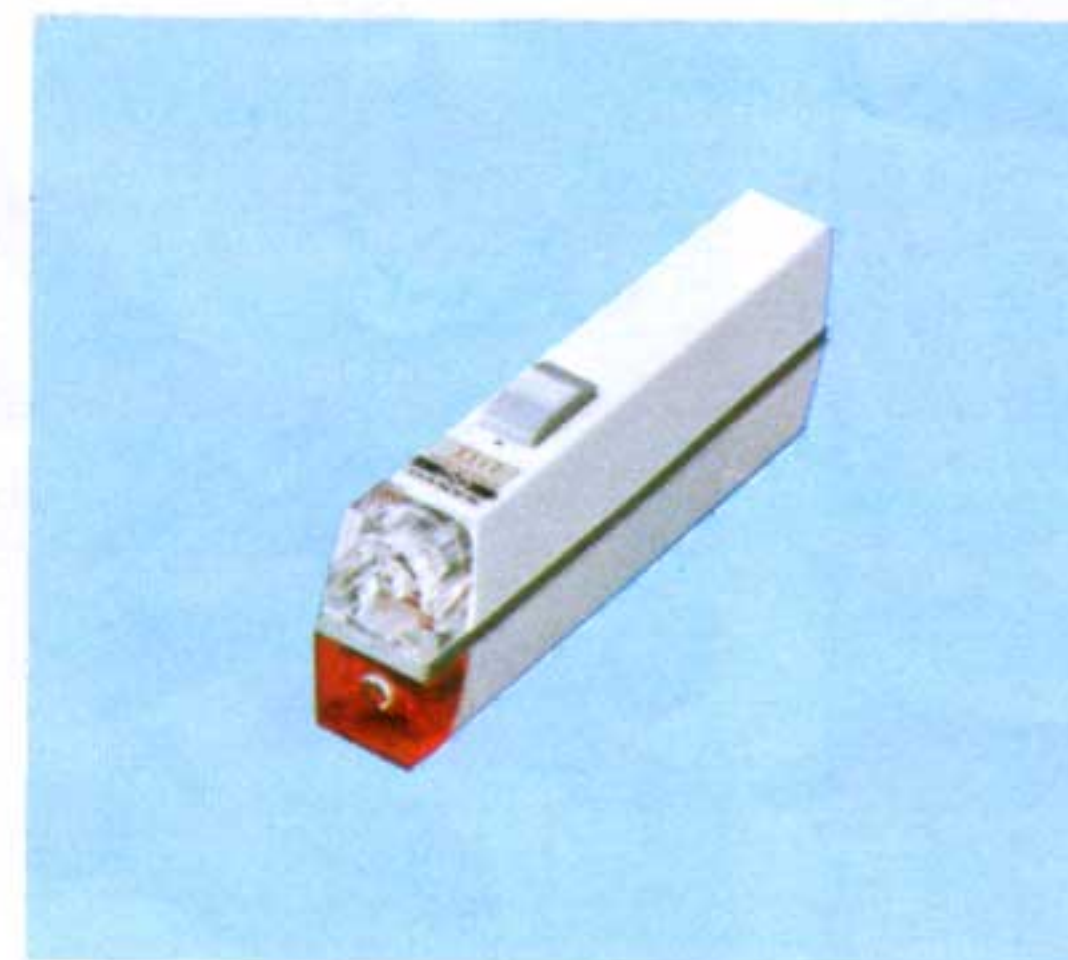
*Tax Free Price ¥ 4,800*



**NL 431B  
CADNICA Searchlite**

Includes special reflector  
for extra brightness • Magnet  
on body adheres to any  
metal surface • Dimensions:  
2 1/4" (φ) x 5 3/4"; weight: 5 ozs.

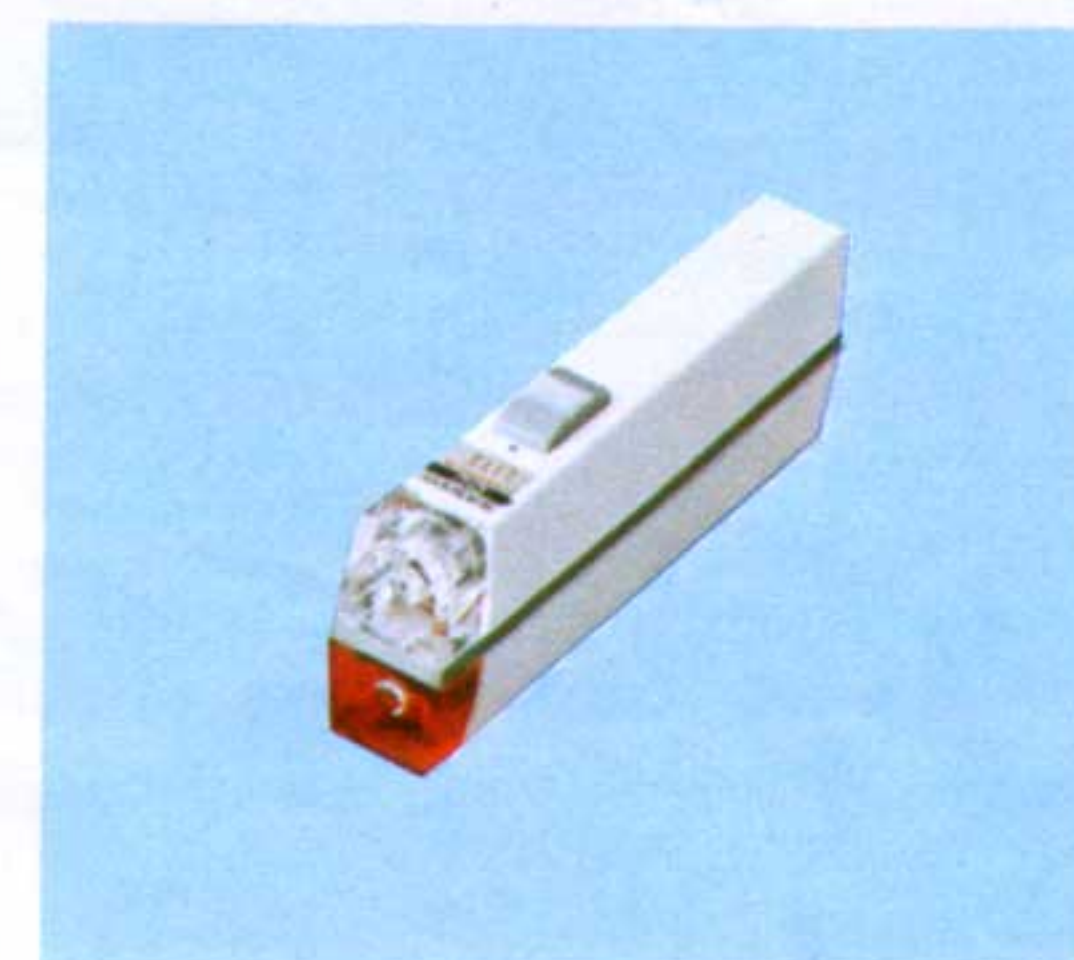
*Tax Free Price ¥ 2,300*



**NL 421 Rechargeable  
Pocket Lite 117V**

Delivers bright white beam  
and red warning light •  
Ideal for carrying in a  
handbag, or the car glove  
compartment • Recharges  
hundreds of times from AC  
outlet • Dimensions: 4 3/8" x  
1 7/16" x 3/4"; weight: 3 ozs.

*Tax Free Price ¥ 1,450*



**NL 222 Rechargeable  
Pocket Lite 220V**

Sanyo's mini lite that fits  
easily in a shirt pocket •  
White beam and red  
warning light • Lifetime  
rechargeable battery power  
• Dimensions: 3 1/2" x 1 3/8"  
x 3/4"; weight: 2 1/2 ozs.

*Tax Free Price ¥ 1,800*

## CADNICA BATTERIES AND RECHARGERS

Sanyo world famous Cadnica rechargeable batteries can be brought back to life hundreds of times, are completely sealed and free from leakage, have good temperature characteristics and superior voltage regulation at either high or low discharge current. Their dimensions are the same as ordinary dry cells and they can be employed at minimum cost and maximum convenience for a wide variety of uses.



Cadnica power for portable radios and tape recorders.



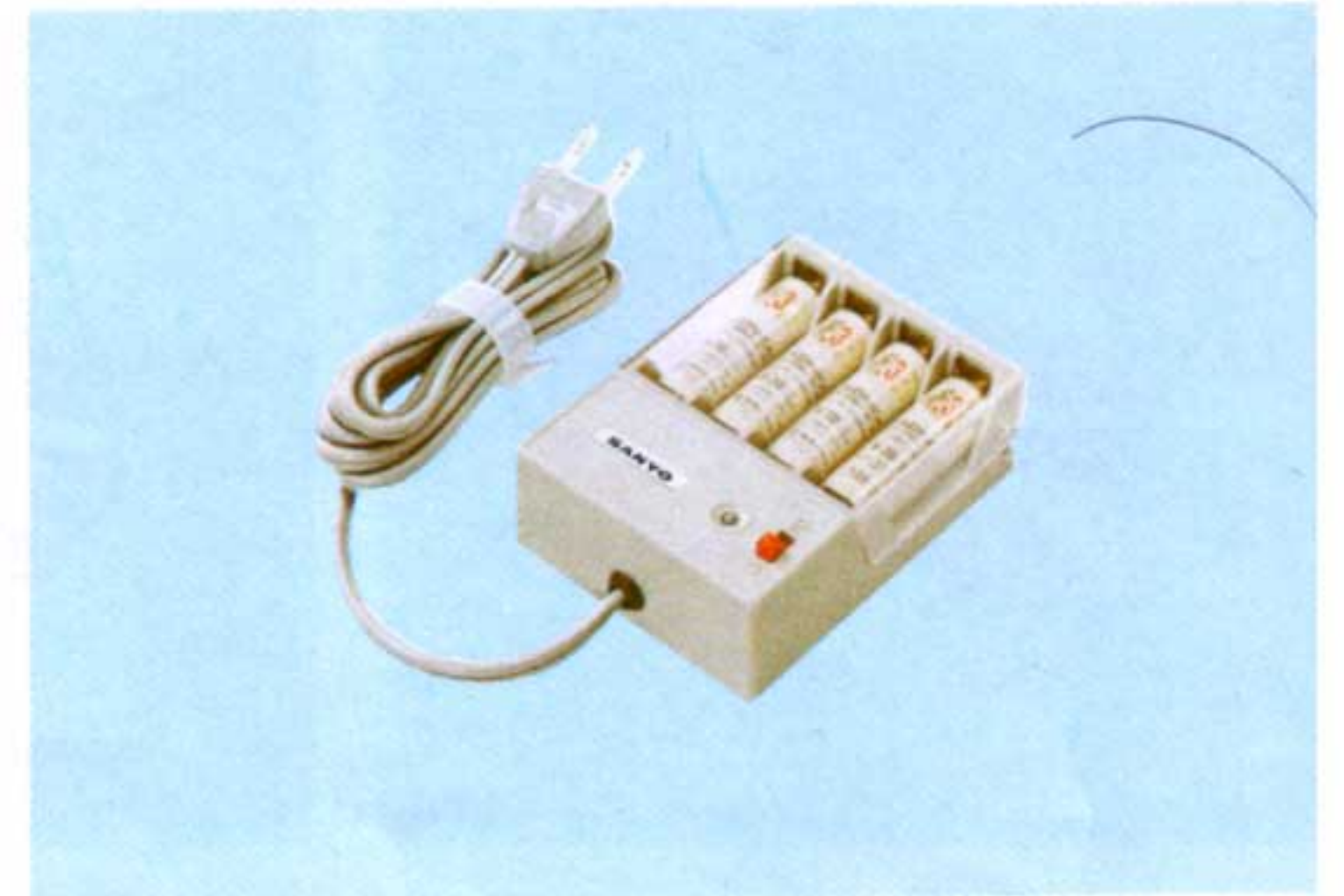
Ideal for pocket calculators and other office equipment.



### NC 1200 CADNICA Battery Charger

Recharges (in approx. 16 hrs.) four N-1U, N-2U or N-3U Sanyo Cadnica batteries • Dimensions:  $2\frac{5}{16}$ " x 4" x  $7\frac{11}{16}$ "; weight: 1 lbs. 2 ozs.

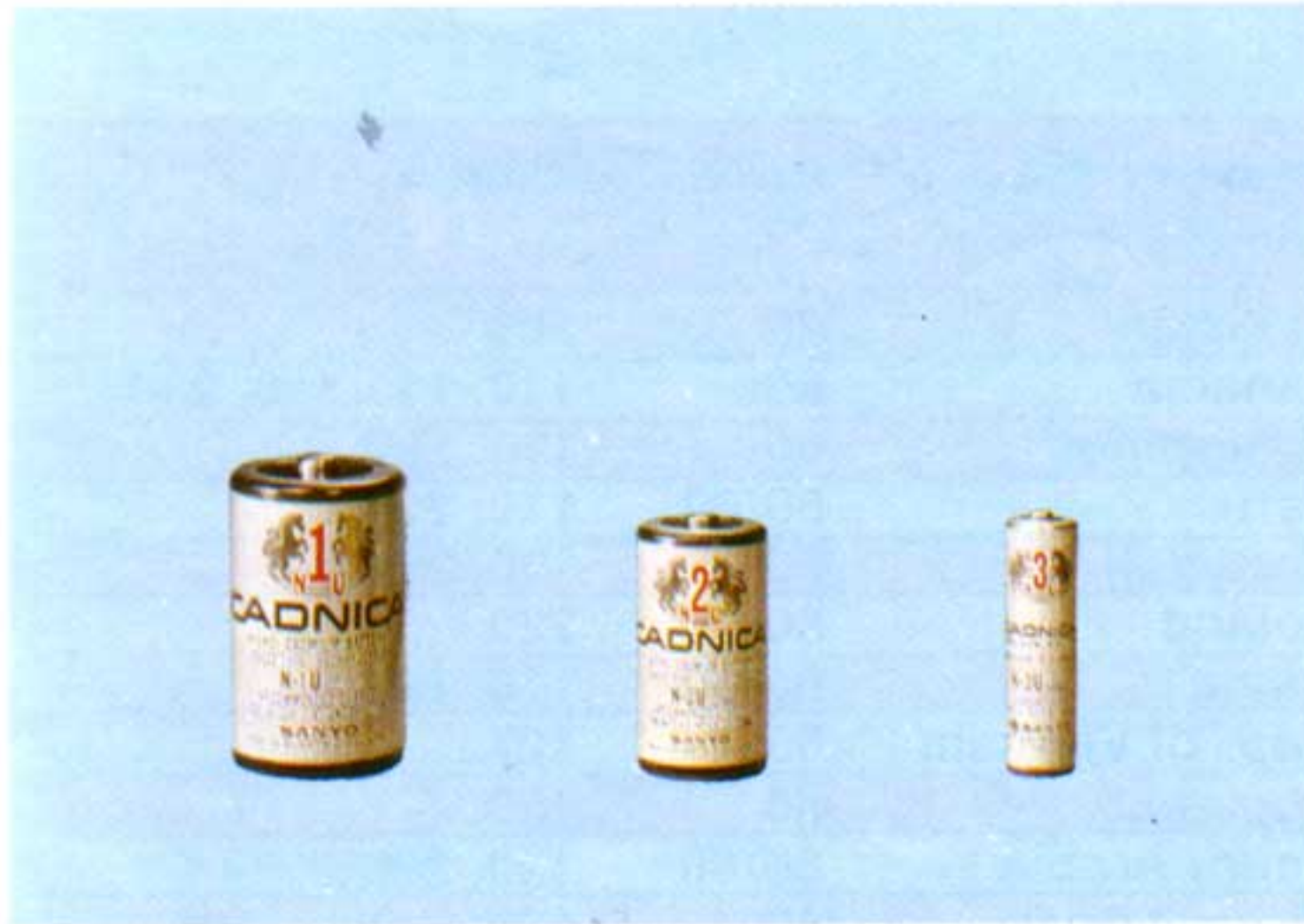
Tax Free Price 117V ¥ 3,200  
220V ¥ 3,600



### NC 450 CADNICA Battery Charger

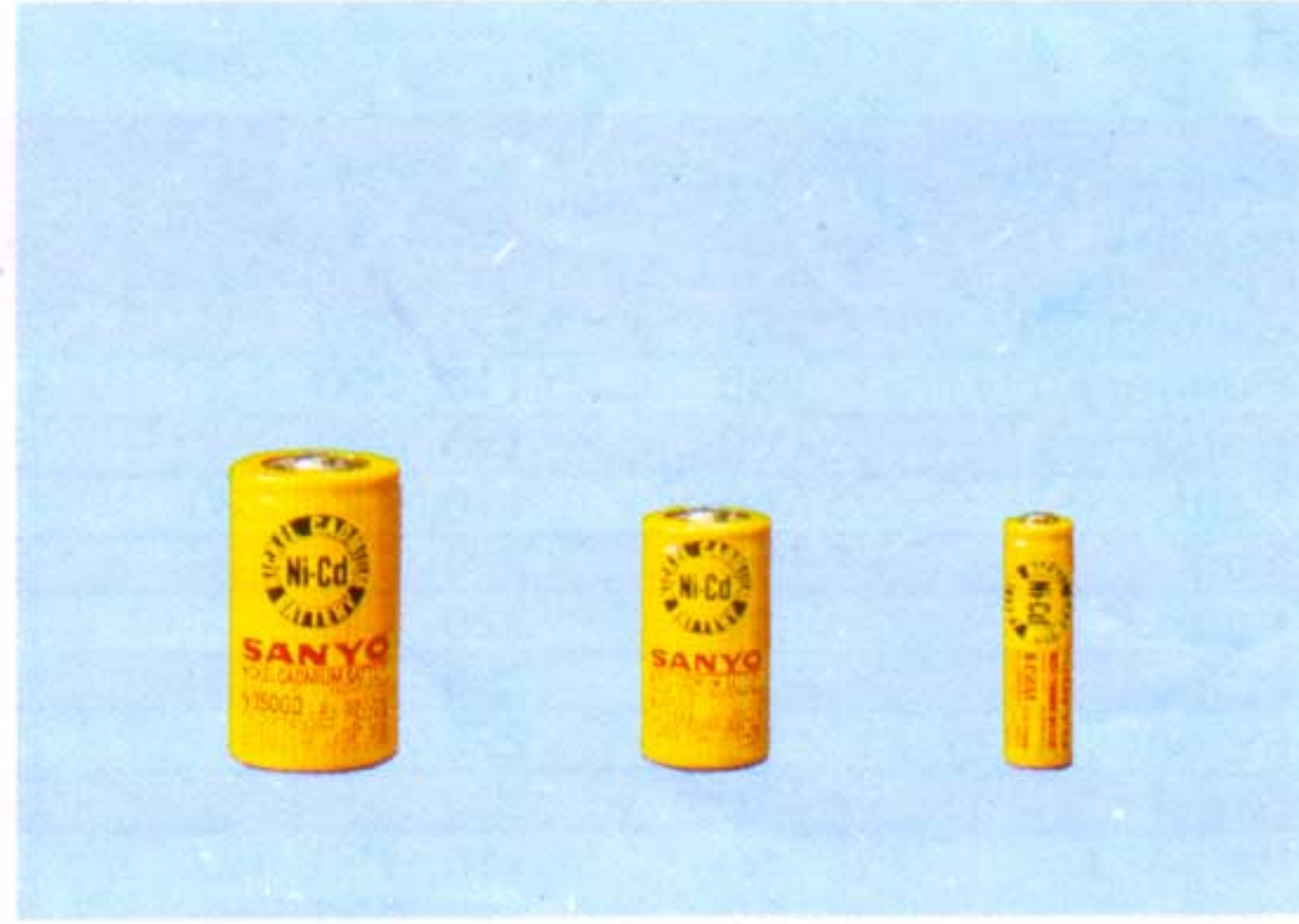
Recharges (in approx. 16 hrs.) four N-3U or N-450AA Sanyo Cadnica batteries • Dimensions:  $2\frac{3}{4}$ " x  $3\frac{3}{4}$ " x  $1\frac{5}{16}$ "; weight: 6 ozs.

Tax Free Price 117V ¥ 1,800  
220V ¥ 2,200



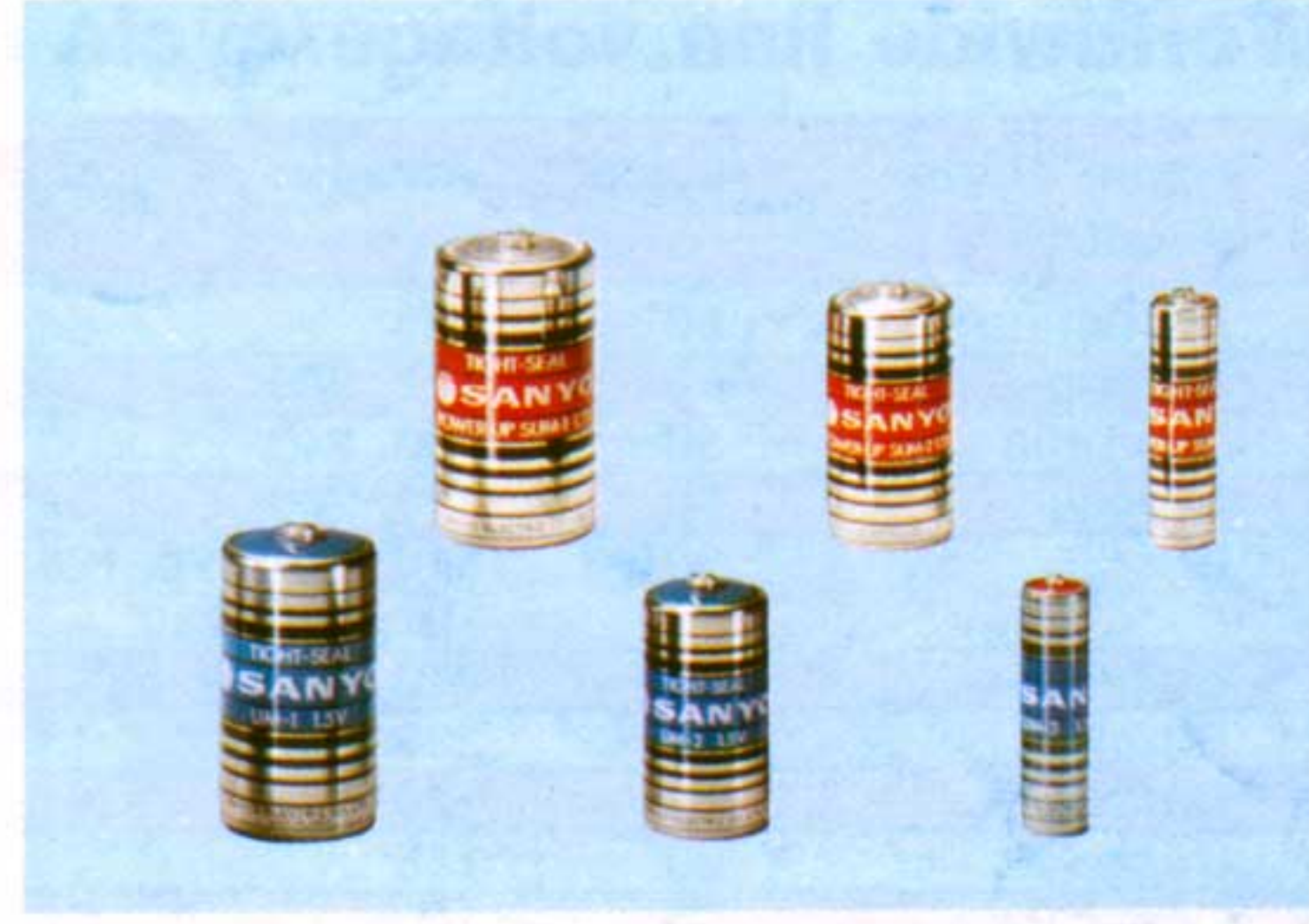
**N-1U, N-2U, N-3U CADNICA  
Rechargeable Batteries**

Nominal voltage: 1.2V • Nominal capacity at 5-hour rate: 1,200mAh(N-1U, N-2U), 450mAh (N-3U) • Recharging time: 14 to 16 hrs. • Dimensions: (N-1U)  $1\frac{5}{16}$ " x  $2\frac{7}{16}$ "; weight: 1.8 ozs. (N-2U) 1" x 0"; weight: 1.4 ozs. (N-3U)  $\frac{9}{16}$ " x 2"; weight: 0.8 ozs.  
*Tax Free Price N1U ¥ 1,100/N2U ¥ 1,000/N3U ¥ 500/2N1U ¥ 2,200/ 2N2U ¥ 2,000/4N3U ¥ 2,000*



**N-3500D, N-1650C, N-450AA, CADNICA  
Rechargeable Batteries**

Nominal voltage: 1.2V • Nominal capacity at 5-hour rate: N-3500D = 3500mAh, N-1650C = 1650mAh, N-450AA = 450mAh • Recharging time: 14 to 16 hrs. • Dimensions: (N-3500D)  $1\frac{5}{16}$ " x  $2\frac{3}{4}$ "; weight: 4 ozs. (N-1650C); 1" x 2"; weight: 2 ozs. (N-450AA);  $\frac{9}{16}$ " x 2"; weight: 0.8 ozs.  
*Tax Free Price N3500D ¥ 2,000/N1650C ¥ 1,350/N450AA ¥ 500*



**SUM-1/2/3 (red), UM-1/2/3 (blue)  
Power-Up and All Purpose Dry Cells**

Power-Up for up to twice the service life of ordinary dry cells • All Purpose for better all-around service for standard use • Both types provide strong, stable current, are hermetically sealed and have minimal discharge during storage • SUM type open voltage: 1.7V, UM type open voltage 1.5V • All with metal jackets (UM-3: paper jacket).  
*Tax Free Price SUM-1 ¥ 80/SUM-2 ¥ 60/SUM-3 ¥ 45*

## Worldwide line voltage/cycle list

Name of the country	cycle	voltage	Name of the country	cycle	voltage	Name of the country	cycle	voltage
Argentina	50	220	Guatemala	60	110, 220	Pakistan	60	105
Algeria	50	127, 220	Hungary	50	110, 220	Panama	60	110, 115, 120, 230
Australia	50	230, 240	Honduras	60	110, 220	Philippines	60	110, 220
Austria	50	110, 220	Haiti	60	110, 115, 220	Peru	50/60	110, 220
Brazil	50/60	110, 115, 120, 125 127, 220, 230	Iran	50	220	Portugal	50	110, 220
Belgium	50	110, 220	Iraq	50	220	Poland	50	220
Burma	50	230	India	50	230	China	60/60	110, 220
Canada	60	120	Indonesia	50	220	Rep. of Vietnam	50	127
Cuba	60	115	Israel	50	230	Rumania	50	120
Costa Rica	60	110	Italy	50	110, 120, 127 150, 220	Saudi Arabia	50/60	120, 230
Colombia	60	150	Jamaica	60	110	Sierra Leone	50	230
Chile	50	110, 220	Korea	60	105	Syria	50	115, 200
Czechoslovakia	50	110, 220	Kenya	50	250	Switzerland	50	220
Denmark	50	220	Lebanon	50	110, 220	Sweden	50	220
Dominica	60	115	Luxembourg	50	110, 220	Spain	50	127, 150, 220
England	50	230, 240	Malaysia	50	230	Soviet Union	50	110, 127, 220
Ecuador	60	110	Mexico	50/60	110, 120, 125	Thailand	50	220
El Salvador	60	110	Monaco	50	220	Tunisia	50	220
Egypt	50/60	110, 115, 200, 220	Morocco	50	115, 200	Turkey	50	220
Formosa	60	100	Netherland	50	125, 127, 150, 220	U.S.A.	60	115, 220
Finland	50	220	Nigeria	50	230	Uruguay	50	220
France	50	120, 220	Nicaragua	60	120	Venezuela	50/60	120
Germany	50	110, 120, 125, 127, 210, 220	New Zealand	50	230	Yugoslavia	50	220
			Norway	50	220			